

**Details of the
Best **FLDs** conducted
during last year along with action
photographs
2021-22**

Title	Demonstration on BPH tolerant high yielding rice variety-Hasanta
No. of Trials & Area	10,1 ha
FP	Cultivation of Swarna paddy variety (140-145 days duration) Medium Bold Grain
Demo	Rice Variety-Hasanta
Details of technology	TO 1- Hasanta (OR-2328-5) suitable for rainfed /irrigated shallow low land, 145 days duration, Avg.yield: 3.9 t/ha tolerant to BPH, WBPH, Blast, Leaf folder



Results	% of infestation	No. of effective tiller/hill	Yield (q/ha)	% change in Yield	Net Income (Rs./ha)	BC Ratio
FP	11.8	8.2	34.4	20.9	38,676	2.2
RP	5.42	12.6	42.8		53,032	2.76

Title	Demonstration on drought tolerant paddy Variety Swarna Shreya
No. of Trials & Area	10,1 ha
FP	Cultivation of paddy variety pooja.
Demo	Growing of rice variety Swarna Shreya
Details of technology	Swarna Shreya is suitable for rainfed low land and direct seeded aerobic condition with duration of 120-125 days. It has capacity to with stand drought and also tolerance to many disease and insects. Average productivity of this variety is 4.5 to 5.0 t/ha.



Results	No.of effective tillers/hill	No.of Grains/panicle	Yield (q/ha)	% change in Yield	Net Income (Rs./ha)	BC Ratio
FP	8.2	112.8	31.4	14	30,916	2.03
RP	13.6	135.4	35.8		39,452	2.31

Title	Demonstration on Pre and Post Emergence Herbicides in Rabi Groundnut.
No. of Trials & Area	10,1 ha
FP	No use of chemical herbicides
Demo	Use of chemical Herbicides.
Details of technology	Pre-emergence application of Oxyflurofen @ 0.04kg/ha ,followed by early post emergence of Imazathepyr @0.12kg/ha.



Results	No.weeds/m2	WCE(%)	Yield (q/ha)	% change in Yield	Net Income (Rs./ha)	BC Ratio
FP	14.81	72	13.46	37.89	49,030	2.9
RP	4.13		18.58		77190	3.08
CD(5%)	0.506	-	1.292	-	-	-

Title	Demonstration on pesticide management on viral disease of watermelon
No. of Trials & Area	10, 1 ha
FP	Indiscriminate use of insecticides
Demo	Rotational Application of spinetoran @1ml/lit, acetamaprid, 0.5ml/lit, fipronil @1.5ml/lit and alpha-cyhalothrin@ 1ml/lit at weekly intervals
Details of technology	Rotational application of spinetoran @1ml/lit, acetamaprid, 0.5ml/lit, fipronil @1.5ml/lit and alpha-cyhalothrin@ 1ml/lit at weekly interval protectect the crop from viral diseases.



Results	No. of sucking pests/3 leaves	% of Pest Infestation	Yield (q/ha)	% change in Yield	Net Income (Rs./ha)	BC Ratio
FP	460.40	42.70	170.65	24.4	1,59,780	4.5
RP	109.11	6.99	223.28		2,22,936	4.9
CD(5%)	0.681	0.972	1.57	-	-	-