

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

<b>Title</b>	<b>Demonstration on BPH tolerant high yielding rice variety-Hasanta</b>
<b>No. of Trials &amp; Area</b>	<b>10,1 ha</b>
<b>FP</b>	<b>Cultivation of Swarna paddy variety (140-145 days duration) Medium Bold Grain</b>
<b>Demo</b>	<b>Rice Variety-Hasanta</b>
<b>Details of technology</b>	<b>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</b>



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

<b>Title</b>	Demonstration on drought tolerant paddy Variety Swarna Shreya
<b>No. of Trials &amp; Area</b>	10,1 ha
<b>FP</b>	Cultivation of paddy variety pooja.
<b>Demo</b>	Growing of rice variety Swarna Shreya
<b>Details of technology</b>	Swarna Shreya is suitable for rainfed low land and direct seeded aerobic condition with duration of 120-125 days. It has capacity to withstand 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

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



Results	No.weeds/m <sup>2</sup>	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	-	-	-

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



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