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

Title	**Demonstration on drought tolerant paddy Variety Swarna Shreya**		
Season & Year	**Kharif – 2019**	**No. of Demo**	**10 (1.0 ha)**
Crop / commodity	**Paddy**	**Farming Situation**	**Rainfed Low Land**
Problem diagnosed	**Low yield due to moisture stress**		
FP	**Cultivation of paddy variety pooja.**		
Demo	**Growing of rice variety Swarna Shreya**	**Source : ICAR,2015**	
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.**		
Observation Parameters	**Effective panicles/ m^2 , No of field grains / panicle 1000 grain weight**		

Results	Grains/panicle(no.)	Yield (q/ha)	% change in Yield	Net Income (Rs./ha)	BC Ratio
FP	200	30.2	25.82	23850	1.68
RP	218	38.0		32500	1.8

Demonstration on drought tolerant paddy Variety Swarna Shreya

Title	**Demonstration on management of leaf curls in chilli**
FP	**Over dosage of insecticides monocrotophos, Cypermethrin**
Demo	**Management of chilli thrips in combination with botanicals and chemicals measures**
Details of technology	**Spray of Acephate @ 1.5 g/L + Neem oil @ 2 ml/L followed by spray of Cyazypy @ 1.5 Ml/L at weekly interval till fruit formation**

Results	Disease incidence (%)	Yield (q/ha)	% change in Yield	Net Income (Rs./ha)	BC Ratio
FP	18.3	14.94	18.34	1,09,350	2.97
RP	4.8	17.68		1,99,122	3.6

Title	**Demonstration on management of flower & fruit drop in Mango**
FP	**Ungitudicious & need based use of insecticides**
Demo	**Application of bio pestivides for hopper management**
Details of technology	**Four sprays of Metarhizium anisopliae oil formulation @ 0.5 ml/L at weekly interval**

Results	No.of hoppers population after spray	Yield (q/ha)	% change in Yield	Net Income (Rs./ha)	BC Ratio
FP	63	63	46	28,658	1.36
RP	92	92		52,618	1.98