

3. FLD (Proposed)

Title of FLD	Demonstration on Rice var. DRR Dhan 48 (Bio fortified) (Yield-55-60qt/ha Duration 135-140 Days)		
Season & Year	Kharif, 2026		
Main Problem	Low productivity of Rice		
Main cause of problem	Low yield of Rice due to use of old variety		
Full detail of farmer's Practice	Old Variety – MTU1010, use more seed rate (80 kg/ha) and poor agronomical practices		
Full detail of technology to be demonstrated	Use variety DRR Dhan 48 (Zn content 22 PPM in polished rice and 27 PPM in brown rice), Time of nursery bed raising Mid June + seed rate @ 40 kg/ha + seed treatment carbendazime with 2 gm/kg of seed + spacing row to row 20 cm and plant to plant 10 cm + transplanting at 3-4 week old seedling + weed control 1 st 20-25 DAT & 2 nd 35-40 DAT+ 45 kg urea at top dressing after 1 st weeding..		
Source of Technology with year	ICAR- Indian Institute of Rice Research (IIRR), Hyderabad		
Name of the Technology	Variety and agronomical practices.		
Thematic area	Crop production		
Name of villages	Shitalpur and Salpatra		
Farming situation	Rain-fed, Medium land, clay soil		
Area (ha)/Unit (No.)	2 ha	No of farmers	5
Performance indicator	(I) Technical indicator- No. of tillers, 1000 grain wt. (gm) and Yield (q/ha) (II) Economic indicator – Cost of cultivation (Rs./ha), Gross return (Rs./ha), Net Return (Rs./ha) and B:C ratio (III) Farmer Feedback- Low yield due to old varieties and poor agronomical practices		