

FLD ON CEREALS - PADDY

Title	Integrated nutrient management in paddy
Crop & Variety	Paddy, PR - 126
Season & Year	Kharif 2025
Problem	Low yield of paddy due to poor nutrition
Thematic Area	Integrated nutrient Management
Farmers Practices (FP)	Use of old conventional fertilizers
Name of Technology	Foliar spray of water soluble fertilizer NPK 19:19:19
Source of Technology	SVPUA&T, Meerut, 2022
Detail of Technology Demonstrated (RP)	Foliar spray of water soluble fertilizer NPK 19:19:19 for the management of nutrients
Area (ha)	4.0
No. of Demonstrations	10

Results	Yield with Unit	% change in Yield	Parameter (tillers per plant)	% change in Parameter	Net Income	BC Ratio
FP	51.82	--	25	--	55535	2.02
RP	56.83	8.81	33	24.24	63567	2.11

Performance & Recommendations for Up-scaling in the area (ha)	Foliar spray of water soluble fertilizer NPK 19:19:19 gave very good control of the nutrients deficiency in paddy crop.
Farmers Reaction	Farmers are liking the water soluble fertilizer