

FLD ON CEREALS - PADDY

Title	Weeds management in paddy (Preemergence)
Crop & Variety	Paddy, PR - 121
Season & Year	Kharif 2025
Problem	Low yield of paddy due to grassy weeds (<i>Pm</i>)
Thematic Area	Integrated Weed Management
Farmers Practices (FP)	Use of old conventional weedicides
Name of Technology	Improved weedicide pretilachlor 50 EC @ 500 ml/acre
Source of Technology	SVPUA&T, Meerut, 2022
Detail of Technology Demonstrated (RP)	Spraying improved weedicides pretilachlor for the management of grassy weeds
Area (ha)	8.0
No. of Demo.	20

Results	Yield with Unit	% change in Yield	Parameter (Weeds No. per sq. m.)	% change in Parameter	Net Income	BC Ratio
FP	48.39	--	136	--	43408	1.84
RP	52.74	8.24	39	50.63	50499	1.97

Performance & Recommendations for Up-scaling in the area (ha)	Improved weedicide pretilachlor gave very good control of the grassy weeds in paddy
Farmers Reaction	Farmers are liking the weedicide