

FLD ON CEREALS - PADDY

Title	BPH management in paddy
Crop & Variety	Paddy, PR 113
Season & Year	Kharif 2025
Problem	Low yield of wheat due to attack of Brown Planthopper
Thematic Area	Integrated Pest Management
Farmers Practices (FP)	Use of old conventional insecticides
Name of Technology	Novel insecticide pymetrozin 50 WG @ 120 g/acre
Source of Technology	SVPUA&T, Meerut, 2022
Detail of Technology Demonstrated (RP)	Spraying novel insecticide pymetrozin for the management of Brown Planthopper
Area (ha)	4.0
No. of Demonstrations	10

Results	Yield with Unit	% change in Yield	Parameter (Infestation %)	% change (reduction) in Parameter	Net Income	BC Ratio
FP	51.64	--	19.20	--	54854	2.04
RP	57.03	9.45	5.40	71.87	67531	2.22

Performance & Recommendations for Up-scaling in the area (ha)	Novel insecticide pymetrozin gave very good control of the Brown Planthopper in paddy
Farmers Reaction	Farmers are liking the insecticide

