OFT RESULT - 3

Title	**Management of Brown Plant Hopper (BPH) in paddy**
Season & Year	**Kharif 2025**
Problem	**Heavy infestation of Brown Plant Hopper (BPH) in paddy effecting in a yield loss of 12 to 18%**
Thematic Area	**Pest and disease management**
Name & Character of Technology	**Foliar spray of Triflumezopyrim 10% SC @ 250g/ha**
Source of Technology (Year)	**SVPUA&T, Meerut, 2024**
Farmers Practice (T_1)	**Application of Imidacloprid 17.8 SL @ 500 ml /ha**
Refined practice, if Any (T_2)	**Triflumezopyrim 10% SC @ 250g/ha**
Name of Variety/breed	**PR-113**
No. of Trials (Replication)	**05**

OFT RESULT

Technology Option	No. of trials	Plant population per m^2 at 20-25 days	No of BPH nymphs per plant (1 Square meter area)			No of adults per plant (1 Square meter area)		
			60 Days	75 Days	90 Days	60 Days	75 Days	90 Days
T1	05	35.63	13.64	21.31	32.47	5.73	7.61	9.45
T2		36.25	11.31	9.27	6.53	3.32	2.54	1.13

Technology Option	No.of trials	Grain Yield (qt./ha)	Straw Yield (qt./ha)	Increase in yield (%)	Cost of Input/ha (Rs)	Gross Return	Net Return (Rs./ha)	B:C Ratio
T1	05	48.67	43.45	--	53307	102207	48900	1.92
T2		54.38	53.62	11.73	55673	114198	58525	2.05

Interference & Feed back	Foliar spray of Triflumezopyrim 10% SC @ 250g/Ha repeated after 7-10 days is more effective in comparision to Imidacloprid 17.8 SL @ 500 ml /ha
Farmers Reaction	Farmers like this technology due to low incidence of Brown Plant Hopper .
Any Other Information	Sale Price. Rs 2300/q