

**Details of the
Best **FLDs** conducted
during last year along with
action photographs
2024-25**

Title	Demonstration on IPM strategy for management of sucking pests in cotton
No. of Demo. & Area	10 (2.0 ha)
FP	Farmers are not following proper preventive & curative practices for management of sucking pests population in proper time and applying of cypermethrin, chloropyriphus and triazophos + deltamethrin @ 1 l/ ha which encourage the pest for rapid multiplication.
Demo	Timely sowing of crop Planting of maize as border crop around the field, intercropping of cowpea @ 8:2 ratio; Application of Azadirachtin 0.15% @ 1.5 Lit./ ha twice @ 30 & 45 DAS; Installation of yellow sticky traps @ 40/acre & need based Application of Flonicamide 50% WG @ 175 gm/ha twice at 10 days interval
Details of technology	This technology is integration of all three aspects like cultural , mechanical, botanical and chemical management approach which manage the sucking pests like aphids, jassids, white fly and thrips infestation effectively.



Farmers Feedback: Farmers are convinced that if all integrated approaches are combinedly fallowed in cotton crop it will effectively manage the sucking pests like mealy bug, aphids, jassids and white flies population to a greater extend and it will maintain the ETL level of the pests.

RESULTS	No. of Aphids/pl ant	No. of white fly/plant	Thrips infestation %	Nos. of Jassids/3 leaves	Sucking pest infestation %	Yield (q/ha)	% increase in yield	Cost of Cultivation (Rs/ha)	Net Income (Rs/ha)	B:C Ratio
FP	680	170	24%	111	26%	16.75	36.1%	53,000	72,625	2.37
RP	120	23	6%	32	6%	22.8		57,000	1,14,000	3.0

Demonstration on Nutrient management in Pointed gourd

Season & Year	Rabi- 2024-25 (2 nd Year)
Crop / commodity	Pointed gourd
Problem diagnosed	Improper application on fertilizer
FP	Application of NPK.
Demo	Bio-inoculation with Azotobacter + PSB (1:1:1) over and NPK and organics is recommended for achieving higher yield in pointed gourd.
Characteristics of technology	Bio-inoculation with Azotobacter+ Azospirillum+PSB(1:1:1) with NPK & organics is recommended for achieving higher yield for pointed gourd
Observation Parameters	No of fruits/plant & Yield
Performance Indicator	Cost of Intervention, Additional income over Additional cost, Yield per ha, B:C Ratio.



RESULTS	No of fruits/plant	Yield (q/ha)	% increase in yield	Cost of Cultivation (Rs/ha)	Net Income (Rs/ha)	B:C Ratio
FP	7.4	166.1	14.56	1,84,085	3,14,215	2.70
RP	12.6	190.3		1,90,685	3,80,215	2.99

Title	Demonstration of power operated finger millet thresher for threshing finger millet for comfort elevation of farm women
No. of Demo. & Area	10 (1.0 ha)
FP	Manual threshing
Source	AICRP on MAH,CAET,OUAT,2018
Demo	Threshing by power operated finger millet thresher
Details of technology	Threshing by power operated finger millet thresher 1hp single motor, capacity- 90 kg/hr.



Results	Output (Kg/Hr)	Threshing Efficiency (%)	Cleaning efficiency (%)	Cost of threshing (Rs./Qtl)
FP	6.2	83	94	640
RP	77.4	89	91	220