

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

**2024-25**

<b>Title</b>	<b>Demonstration on IPM strategy for management of sucking pests in cotton</b>
<b>No. of Demo. &amp; Area</b>	<b>10 (2.0 ha)</b>
<b>FP</b>	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.
<b>Demo</b>	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
<b>Details of technology</b>	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 followed 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.

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

# Demonstration on Nutrient management in Pointed gourd

Season & Year	Rabi- 2024-25 (2 <sup>nd</sup> 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

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



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