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Significant findings of OFT (2024-25)



Crop/Component	Season	Technology assessed	Farmers' practice	OFT yield (q/ha)	Yield (q/ha) in farmers' practice	% increase in yield
Sesame	Kharif	Assessment of high yielding varieties of sesame. TO1- Sesame Var. Subhra TO2- Sesame Var. Smarak TO3- Sesame Var. Kalinga sesame 3-1	Uma	TO ₁ -4.50 TO ₂ -4.80 TO ₃ -5.40	3.82	TO ₁ - 18 TO ₂ -26 TO ₃ - 41
			 FP: Uma	 TO₁: Subhra	 TO₂: Smarak	
			 TO₃: Kalinga Sesame 3-1			

Brinjal	Kharif	<p>Assessment of IPM Modules for the management of Brinjal fruit and shoot borer.</p> <p>TO₁- Erection of Pheromone traps @ 20 nos./ha, release of <i>T. chilonis</i> @ 50,000/ha 6 times from 21 DAT at weekly interval, spraying of Bt at flowering @ 2ml/l two times in 10 days interval. Spraying of Emamectin benzoate 5% SG @ 200 g/ha at ETL > 5% .</p> <p>TO₂-Clipping of infested shoots & fruits regularly, pheromone traps @ 25/ha at 30 DAT, spraying of Azadirachtin 1500 ppm @ 3 ml/l at 20 DAT, spraying of Bt @ 2 ml/l twice at 30 DAT and 45 DAT, spraying of Chlorantraniliprole 18.5% SC @ 0.25 ml/l at 60 DAT.</p>	<p>Spraying of Profenophos @ 2ml/lt.</p>	TO ₁ - 268 TO ₂ - 271	203	TO ₁ -32.01 TO ₂ -33.49
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