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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		TO ₁ : Subhra		TO ₂ : Smarak		
						
		TO ₃ : Kalinga Sesame 3-1				

Tomato	Rabi	<p>Assessment of management of wilt complex in tomato by using Jivamrita and Bijamrita</p> <p>TO₁- Jibamruta application – Application of 200 lit of Jibamruta per acre with irrigation water or with spray machine at an interval of 15-20 days on standing crop @ 5-6 spray.</p> <p>TO₂- TO₁ +Bijamruta application- Application of prepared Bijamruat for seed treatment of 100 kg seeds, mix it with the seeds well so that bijamruta will be well coated on seeds, dry the mixture under shade before 24 hrs of sowing.</p>	Carbendazim + Mancozeb @ 2gm./lt	<p>TO₁- 189.0</p> <p>TO₂- 194.0</p>	196.0	<p>TO₁-3.57</p> <p>TO₂-1.02</p>
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FP



TO₁



TO₂



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 Azadiractin 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>	Spraying of Profenophos @ 2ml/lt.	<p>TO₁- 268</p> <p>TO₂- 271</p>	203	<p>TO₁-32.01</p> <p>TO₂-33.49</p>
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