

## DISTRICT WISE TECHNOLOGY MATRIX – THIRUVARUR

### New TNAU technologies for demonstration / assessment

S.No.	Crop	Varieties	Technology	Implements/Machinery
<b>Agricultural Crops</b>				
1.	Rice	CORH 3 (D) , ADT (R) 47(D), ADT (R) 47 (D), CO (R) 48 (D)	<ul style="list-style-type: none"> <li>Modified rice mat nursery for early transplantation under modified SRI method of cultivation (D)</li> <li>Leaf colour chart (LCC) based nitrogen management in transplanted and direct (drum) seeded wetland rice (D)</li> <li>Site specific nutrient management (SSNM) for intensively irrigated rice (D)</li> <li>Adoptable srivilliputtur IPM module (ASIPM) for summer irrigated and rice fallow cotton (A)</li> </ul>	<ul style="list-style-type: none"> <li><b>Two row finger type paddy rotary weeder</b> (D)</li> <li><b>Mini combine harvester for paddy</b> (D)</li> </ul>
2.	Black gram	VBN (Bg) 5 (D)	<ul style="list-style-type: none"> <li>Potassium application to increase the productivity of pulses (A)</li> <li><i>Trichoderma viride</i> for the management of root rot in pulses and cotton (D)</li> <li>IPM module for black gram</li> </ul>	
3.	Green gram	CO (Gg) 7 (D)		
4.	Soyabean	CO (Soy) 3 (A)		
5.	Groundnut			
6.	Sugarcane	COC (SC) 23 (D)	<ul style="list-style-type: none"> <li>New biofertilizer for sugarcane : TNAU biofert 1 (D)</li> <li>Pit method of sugarcane planting under drip fertigation system (A)</li> </ul>	<ul style="list-style-type: none"> <li><b>Tractor operated pit digger for sugar cane planting</b> (D)</li> <li><b>Sugarcane sett cutter</b> (D)</li> <li><b>Sugarcane detrasher</b> (D)</li> </ul>
<b>Horticultural Crops</b>				
1.	Tomato	COLCRH 3 (D)		
2.	Bhendi	COBhH 1 (D)		
3.	Oyster mushroom	CO(OM)2 (D)	<ul style="list-style-type: none"> <li>Ill filled paddy as a substance for mushroom spawn product (A)</li> </ul>	
4.	Coconut		<ul style="list-style-type: none"> <li>Coconut tonic (D)</li> </ul>	<ul style="list-style-type: none"> <li><b>Coconut tree climber</b> (D)</li> </ul>

S.No.	Crop	Varieties	Technology	Implements/Machinery
Miscellaneous				
			<ul style="list-style-type: none"> <li>• Control of perennial weeds- <i>Cynodan</i> and <i>Cyprus</i> (D)</li> <li>• Precision support system for integrated fertilizer recommendation (DSSIFER) (D)</li> <li>• Interactive visual diagnostic kit (VDK) for nutrient deficiency in crop plant (D)</li> <li>• TNAU vermi biocompost (D)</li> <li>• Validation of rice IPM module in the Cauvery delta zone (D)</li> <li>• KKM-1 botanical insecticide (<i>Acorus calamus</i>) (D)</li> </ul>	<ul style="list-style-type: none"> <li>• Technology for extrusion cooking of finger millets (D)</li> <li>• Two in one model trap for pulse beetle monitoring in storage (D)</li> <li>• Foot wear operated manual sprayer (D)</li> </ul>

**A- Assessment      D- Demonstration**