

## DISTRICT WISE TECHNOLOGY MATRIX – THANJAVUR

### New TNAU technologies for demonstration / assessment

S.No.	Crop	Varieties	Technology	Implements/Machinery
<b>Agricultural Crops</b>				
1.	Rice	CORH 3 <b>(D)</b> , ADT (R) 47 <b>(D)</b> , ADT (R) 47 <b>(D)</b> , CO (R) 48 <b>(D)</b>	<ul style="list-style-type: none"> <li>Modified rice mat nursery for early transplantation under modified SRI method of cultivation <b>(D)</b></li> <li>Leaf colour chart (LCC) based nitrogen management in transplanted and direct (drum) seeded wetland rice <b>(D)</b></li> <li>Site specific nutrient management (SSNM) for intensively irrigated rice <b>(D)</b></li> <li>Adoptable srivilliputtur IPM module (ASIPM) for summer irrigated and rice fallow cotton <b>(A)</b></li> </ul>	<ul style="list-style-type: none"> <li>Two row finger type paddy rotary weeder <b>(D)</b></li> <li>Mini combine harvester for paddy <b>(D)</b></li> </ul>
2.	Cumbu	CO (Cu) 9 <b>(D)</b>		
3.	Ragi	CO (Ra) 14 <b>(D)</b>		
4.	Black gram	VBN (Bg) 4 <b>(A)</b> , VBN (Bg) 5 <b>(D)</b>	<ul style="list-style-type: none"> <li>Potassium application to increase the productivity of pulses <b>(A)</b></li> <li><i>Trichoderma viride</i> for the management of root rot in pulses and cotton <b>(D)</b></li> <li>IPM module for black gram</li> </ul>	
5.	Green gram	CO (Gg) 7 <b>(D)</b>		
6.	Fodder Cowpea	CO (FC) 8 <b>(D)</b>		
7.	Soyabean	CO (Soy) 3 <b>(A)</b>		
8.	Groundnut			<ul style="list-style-type: none"> <li>Power tiller operated groundnut harvester <b>(D)</b></li> <li>Impact type groundnut stripper <b>(D)</b></li> </ul>
9.	Sesamum	VRI (Sv) 2 <b>(D)</b>		
10.	Sugarcane	COC (SC) 22 <b>(D)</b> , CO Si (SC) 6 <b>(D)</b> , COC (SC) 23 <b>(D)</b>	<ul style="list-style-type: none"> <li>Drip fertigation for yield maximization in sugar crop <b>(A)</b></li> <li>New biofertilizer for sugarcane : TNAU biofert 1 <b>(D)</b></li> <li>Pit method of sugarcane planting under drip fertigation system <b>(A)</b></li> </ul>	<ul style="list-style-type: none"> <li>Tractor operated pit digger for sugar cane planting <b>(D)</b></li> <li>Sugarcane sett cutter <b>(D)</b></li> <li>Sugarcane detrasher <b>(D)</b></li> </ul>

S.No.	Crop	Varieties	Technology	Implements/Machinery
11.	Cotton			• Cotton stalk puller <b>(D)</b>
<b>Horticultural Crops</b>				
1.	Bhendi	COBhH 1 <b>(D)</b>		
2.	Oyster mushroom	CO(OM)2 <b>(D)</b>	• Ill filled paddy as a substance for mushroom spawn product <b>(A)</b>	
3.	Banana		<ul style="list-style-type: none"> <li>• High density planting in banana <b>(A)</b></li> <li>• Fertigation technology for increased productivity in banana <b>(A)</b></li> <li>• Affordable micro irrigation system <b>(A)</b></li> </ul>	• Banana clump remover <b>(A)</b>
4.	Coconut		• Coconut tonic <b>(D)</b>	• Coconut tree climber <b>(D)</b>
5.	Oil palm			• Oil palm harvesting tool <b>(D)</b>
<b>Miscellaneous</b>				
			<ul style="list-style-type: none"> <li>• Mass multiplication of bamboos <b>(A)</b></li> <li>• Control of perennial weeds- <i>Cynodan</i> and <i>Cyprus</i> <b>(D)</b></li> <li>• Precision support system for integrated fertilizer recommendation (DSSIFER) <b>(D)</b></li> <li>• Interactive visual diagnostic kit (VDK) for nutrient deficiency in crop plant <b>(D)</b></li> <li>• TNAU vermi biocompost <b>(D)</b></li> <li>• Validation of rice IPM module in the Cauvery delta zone <b>(D)</b></li> <li>• KKM-1 botanical insecticide (<i>Acorus calamus</i>) <b>(D)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Technology for extrusion cooking of finger millets <b>(D)</b></li> <li>• Two in one model trap for pulse beetle monitoring in storage <b>(D)</b></li> <li>• Foot wear operated manual sprayer <b>(D)</b></li> </ul>

**A- Assessment      D- Demonstration**

