

## DISTRICT WISE TECHNOLOGY MATRIX – THOOTHUKUDI

### New TNAU technologies for demonstration / assessment

S.No.	Crop	Varieties	Technology	Implements/Machinery
<b>Agricultural Crops</b>				
1.	Rice	CORH 3 (A), PMK (R) 3 (D), CO (R) 48 (D)	<ul style="list-style-type: none"> <li>Direct seeding of rainfed rice using seed cum fertilizer seed drill (D)</li> <li>Leaf colour chart (LCC) based nitrogen management in transplanted and direct (drum) seeded wetland rice (D)</li> <li>Intercropping and <i>in situ</i> incorporation of green manures in direct seeded rice</li> </ul>	<ul style="list-style-type: none"> <li><b>Improved direct paddy seeder</b> (D)</li> <li><b>Seed cum fertilizer drill for paddy</b> (D)</li> <li><b>Two row finger type paddy rotary weeder</b> (D)</li> </ul>
2.	Maize	COH (M) 5(D)		
3.	Cumbu	CO (Cu) 9 (D)		
4.	Ragi	CO (Ra) 14 (A)		
5.	Tenai	CO (Te) 7 (D)		
6.	Black gram	VBN (Bg) 4 (D), VBN (Bg) 5 (A)	<ul style="list-style-type: none"> <li>Potassium application to increase the productivity of pulses (D)</li> <li><i>Trichoderma viride</i> for the management of root rot in pulses and cotton (D)</li> <li>IPM module for black gram (D)</li> </ul>	
7.	Red gram	VBN (Rg) 3 (D)		
8.	Green gram	CO (Gg) 7 (A)		
9.	Fodder Cowpea	CO (FC) 8 (A)		
10.	Sunflower	CO (SFV) 5 (D)		
11.	Cotton	KC 3 (D)		<ul style="list-style-type: none"> <li><b>Cotton stalk puller</b> (D)</li> </ul>
12.	Sugarcane	CO Si (SC) 6 (A)	<ul style="list-style-type: none"> <li>Drip fertigation for yield maximization in sugar crop (D)</li> <li>New biofertilizer for sugarcane : TNAU biofert 1 (A)</li> </ul>	
<b>Horticultural Crops</b>				
1.	Sapota	PKM (Sa) 5 (D)		
2.	Chilli	KKM (Ch) 1 (D)		
3.	Banana		<ul style="list-style-type: none"> <li>Affordable micro irrigation system (D)</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>

5.	Oyster mushroom	CO(OM)2 (D)		
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>• Sequential cropping system of vegetable cowpea and cassava for better returns (D)</li> <li>• Soil test based IPNS for vegetable crops (D)</li> <li>• Adoptable srivilliputtur IPM module (ASIPM) for summer irrigated and rice fallow cotton (D)</li> <li>• KKM-1 botanical insecticide (<i>Acorus calamus</i>) (D)</li> <li>• Aonla based mouth freshener (D)</li> </ul>	<ul style="list-style-type: none"> <li>• Technology for extrusion cooking of finger millets (D)</li> <li>• Power tiller operated air assisted seed drill (D)</li> <li>• Two in one model trap for pulse beetle monitoring in storage (D)</li> <li>• Foot wear operated manual sprayer (D)</li> <li>• Subsoiler attachment for stump removal (D)</li> </ul>

**A- Assessment      D- Demonstration**