

## DISTRICT WISE TECHNOLOGY MATRIX – KRISHNAGIRI

### New TNAU technologies for demonstration / assessment

S.No.	Crop	Varieties	Technology	Implements/Machinery
<b>Agricultural Crops</b>				
1.	Rice	CORH 3 (D), CO (R) 48 (D)	<ul style="list-style-type: none"> <li>Modified rice mat nursery for early transplantation (D)</li> <li>Leaf colour chart (LCC) based nitrogen management in transplanted and direct (drum) seeded wetland rice (D)</li> </ul>	<ul style="list-style-type: none"> <li>Two row finger type paddy rotary weeder (D)</li> <li>Mini combine harvester for paddy (D)</li> </ul>
2.	Maize	COH(M) 5(D)		
3.	Cumbu	CO (Cu) 9 (D)		
4.	Ragi	CO (Ra) 14 (D)		
5.				
6.	Samai	CO (Samai) 4 (D)		
7.				
8.	Black gram	VBN (Bg) 5 (D)	<ul style="list-style-type: none"> <li><i>Trichoderma viride</i> for the management of root rot in pulses and cotton (D)</li> </ul>	
9.	Avarai	CO (Gb) 14 (D)		
10.	Sunflower	CO (SFV) 5 (D)		
11.	Cotton	MCU 13 (D)		<ul style="list-style-type: none"> <li>Cotton stalk puller (D)</li> </ul>
12.	Sugarcane	COC (SC) 22 (D)	<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 (D)</li> <li>Pit method of sugarcane planting under drip fertigation system (D)</li> </ul>	<ul style="list-style-type: none"> <li>Tractor operated pit digger for sugar cane planting (D)</li> <li>Sugarcane sett cutter (D)</li> <li>Sugarcane detrasher (D)</li> </ul>
<b>Horticultural Crops</b>				
1.	Guava	TRY (G) 1		
2.	Banana		<ul style="list-style-type: none"> <li>High density planting in banana (D)</li> <li>Fertigation technology for increased productivity in banana (D)</li> <li>Affordable micro irrigation system (D)</li> </ul>	<ul style="list-style-type: none"> <li>Banana clump remover (D)</li> </ul>
3.	Tomato		<ul style="list-style-type: none"> <li>Production practices for cultivation of capsicum and tomato in polyhouse (D)</li> </ul>	

			<ul style="list-style-type: none"> <li>• Shade net cultivation with fertigation in tomato <b>(A)</b></li> </ul>	
4.	Chilli		<ul style="list-style-type: none"> <li>• Shade net technology for sweet pepper and paprika <b>(D)</b></li> </ul>	
5.	Tapioca			<ul style="list-style-type: none"> <li>• Tractor drawn tapioca harvester <b>(D)</b></li> </ul>
<b>S.No.</b>	<b>Crop</b>	<b>Varieties</b>	<b>Technology</b>	<b>Implements/Machinery</b>
6.	Curry leaf		<ul style="list-style-type: none"> <li>• Micro sprinkler irrigation for curry leaf <b>(D)</b></li> </ul>	
7.	Coconut		<ul style="list-style-type: none"> <li>• Coconut tonic <b>(D)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Coconut tree climber <b>(D)</b></li> </ul>
8.	Chrysanthemum		<ul style="list-style-type: none"> <li>• Protected cultivation techniques for cut chrysanthemum <b>(D)</b></li> </ul>	
9.	Oyster mushroom	CO(OM)2 <b>(D)</b>		
<b>Miscellaneous</b>				
			<ul style="list-style-type: none"> <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>• Botanical formulation “ilamathi” for higher silk yield <b>(D)</b></li> <li>• Soil test based ipns for vegetable crops <b>(D)</b></li> <li>• Management of club root-root knot nematode complex disease in cabbage and cauliflower using <i>Pseudomonas fluorescens</i> (Pf 1) and <i>Trichoderma viride</i> (TvMVT 7) <b>(D)</b></li> <li>• Protein enriched spicy mango bar <b>(D)</b></li> <li>• Value added cabbage <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> <li>• A subsoiler attachment for stump removal <b>(D)</b></li> <li>• Power tiller operated slasher cum <i>in situ</i> shredder <b>(D)</b></li> <li>• Improved turmeric boiler <b>(A)</b></li> </ul>

**A- Assessment      D- Demonstration**