

DISTRICT WISE TECHNOLOGY MATRIX – THANJAVUR

New TNAU technologies for demonstration / assessment

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

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2.	Oyster mushroom	CO(OM)2 (D)	<ul style="list-style-type: none"> • Ill filled paddy as a substance for mushroom spawn product (A) 	
3.	Banana		<ul style="list-style-type: none"> • High density planting in banana (A) • Fertigation technology for increased productivity in banana (A) • Affordable micro irrigation system (A) 	<ul style="list-style-type: none"> • Banana clump remover (A)
4.	Coconut		<ul style="list-style-type: none"> • Coconut tonic (D) 	<ul style="list-style-type: none"> • Coconut tree climber (D)
5.	Oil palm			<ul style="list-style-type: none"> • Oil palm harvesting tool (D)
Miscellaneous				
			<ul style="list-style-type: none"> • Mass multiplication of bamboos (A) • Control of perennial weeds- <i>Cynodan</i> and <i>Cyprus</i> (D) • Precision support system for integrated fertilizer recommendation (DSSIFER) (D) • Interactive visual diagnostic kit (VDK) for nutrient deficiency in crop plant (D) • TNAU vermi biocompost (D) • Validation of rice IPM module in the Cauvery delta zone (D) • KKM-1 botanical insecticide (<i>Acorus calamus</i>) (D) 	<ul style="list-style-type: none"> • Technology for extrusion cooking of finger millets (D) • Two in one model trap for pulse beetle monitoring in storage (D) • Foot wear operated manual sprayer (D)

A- Assessment D- Demonstration