

DISTRICT WISE TECHNOLOGY MATRIX – KANYAKUMARI

New TNAU technologies for demonstration / assessment

S.No.	Crop	Varieties	Technology	Implements/Machinery
Agricultural Crops				
1.	Rice	TPS (R) 4 (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) 	<ul style="list-style-type: none"> Two row finger type paddy rotary weeder (D) Mini combine harvester for paddy (D)
2.	Maize	COH (M) 5 (A)		
3.	Cumbu	CO (Cu) 9 (D)		
4.	Green gram	CO (Gg) 7 (D)	<ul style="list-style-type: none"> <i>Trichoderma viride</i> for the management of root rot in pulses and cotton (D) 	
5.	Groundnut		<ul style="list-style-type: none"> Polyethylene film mulch for irrigated groundnut (A) 	
6.	Sunflower	CO (SFV) 5 (A)		
Horticultural Crops				
1.	Tapioca	CTCRI CO (Tp) 5 (A)		<ul style="list-style-type: none"> Tractor drawn tapioca harvester (A)
2.	Oyster mushroom	CO(OM)2 (D)	<ul style="list-style-type: none"> Ill filled paddy as a substance for mushroom spawn product 	<ul style="list-style-type: none"> Fluidised bed dryer for mushroom (A)
	Cinnamom	PPI (Ci) 1 (D)		
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.	Pepper			<ul style="list-style-type: none"> Mechanical thresher for pepper Hand operated thresher for pepper Peeler cum washer for production of white pepper Hand operated rotary type cleaner cum grader for pepper and cardamom

	Cardamom			• Hand operated rotary type garbling unit for cardamom
S.No.	Crop	Varieties	Technology	Implements/Machinery
Miscellaneous				
			<ul style="list-style-type: none"> • Control of perennial weeds- <i>Cynodan</i> and <i>Cyprus</i> (D) • Precision support system for integrated fertilizer recommendation (DSSIFER) (D) • TNAU vermi biocompost (D) • Soil test based IPNS for vegetable crops (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) • Wood based down draft gasifier (A) • Subsoiler attachment for stump removal (D)

A- Assessment D- Demonstration