DISTRICT WISE TECHNOLOGY MATRIX – NAGAPATTINAM

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) 48 **(D)**, CO (R) 48 **(D)**	• 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)**	• Two row finger type paddy rotary weeder **(D)** • Mini combine harvester for paddy **(D)**
2.	Black gram	VBN (Bg) 4 **(D)**, VBN (Bg) 5 **(D)**	• Potassium application to increase the productivity of pulses **(A)** • *Trichoderma viride* for the management of root rot in pulses and cotton **(D)** • IPM module for black gram	
3.	Green gram	CO (Gg) 7 **(D)**		
4.	Soyabean	CO (Soy) 3 **(A)**		
5.	Sugarcane		• New biofertilizer for sugarcane : TNAU biofert 1 **(D)**	• Tractor operated pit digger for sugar cane planting **(D)**
Horticultural Crops				
1.	Oyster mushroom	CO(OM)2 **(D)**		
2.	Coconut		• Coconut tonic **(D)**	• Coconut tree climber **(D)**
3.	Oil palm			• Oil palm harvesting tool **(D)**
Miscellaneous				

| | | | Control of perennial weeds- *Cynodan* and *Cyprus* **(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)** Sequential cropping system of vegetable cowpea and cassava for better returns **(D)** Validation of rice IPM module in the Cauvery delta zone **(D)** KKM-1 botanical insecticide (*Acorus calamus*) **(D)** | 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