

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) | <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. | Black gram | VBN (Bg) 4 (D), 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 | |
| 3. | Green gram | CO (Gg) 7 (D) | | |
| 4. | Soyabean | CO (Soy) 3 (A) | | |
| 5. | Sugarcane | | <ul style="list-style-type: none"> • New biofertilizer for sugarcane : TNAU biofert 1 (D) | <ul style="list-style-type: none"> • Tractor operated pit digger for sugar cane planting (D) |
| Horticultural Crops | | | | |
| 1. | Oyster mushroom | CO(OM)2 (D) | | |
| 2. | Coconut | | <ul style="list-style-type: none"> • Coconut tonic (D) | <ul style="list-style-type: none"> • Coconut tree climber (D) |
| 3. | Oil palm | | | <ul style="list-style-type: none"> • Oil palm harvesting tool (D) |
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| 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) • 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 (<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