





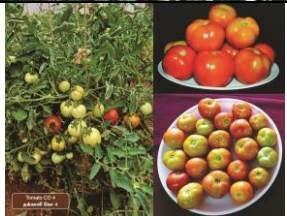





Tamil Nadu Agricultural University
New Crop Varieties 2025




Varieties		Nos.
Agricultural crops	07	19
Horticultural crops	12	



S. No.	Name of the variety/ hybrid	Parentage	Duration	Salient features	
1.	Rice CO 59	Improved White Ponni x Apo	130 – 135 days	<ul style="list-style-type: none"> Season: <i>Samba / Late samba / Thaladi</i> Yield: 5867 kg/ha (15% over BPT 5204) Semi dwarf, drought tolerant 1000 grain weight (14.0g) as against BPT 5204 (16.0g) High milling (65-70%) and head rice recovery (60-65%) with good cooking quality. Intermediate amylose Moderately resistant to White backed plant hopper, leaf folder and blast 	
2.	Rice ADT 56	WGL 14377 x MDU 5	110 – 115 days	<ul style="list-style-type: none"> Season: <i>Kar, Kuruva, Sornavari, Navarai</i> Yield: 6248 kg/ha (10% over CO 51) Medium slender grain High Milling outturn (69.5%) and Head Rice Recovery (64.2%) Intermediate amylose and soft gel consistency Moderately resistant to blast, Bacterial leaf blight and sheath blight Resistant to leaf folder, gall midge and moderately resistant to Brown plant hopper and Green leaf hopper 	

S. No.	Name of the variety/ hybrid	Parentage	Duration	Salient features	
3.	Rice ADT 60	AD 01246 x CO (R) 49	130-135 days	<ul style="list-style-type: none"> Season: <i>Thaladi</i> Yield: 6028 kg/ha (13.2 % over ADT 46) Medium slender grain Medium tall (120 cm), non-lodging. Milling: 75%; Head Rice Recovery: 68% Moderately tolerant to Brown plant hopper, stem borer, leaf folder, Bacterial leaf blight and blast 	 <p>Rice ADT 60</p>
4.	Maize COH(M) 12	UMI 1220 x UMI 1210	110 days	<ul style="list-style-type: none"> Season: Rainfed: <i>Puratassi pattam</i> Irrigated: <i>Aadi, Karthigai, Margazhi & Thai pattam</i> Yield: Rainfed: 6511 kg/ha; Irrigated: 8128 kg/ha, (Rainfed - 11.3% over CO 6 & 14.7% over NK 6240; Irrigated - 9.3% and 13.7% over CO 6 and NK 6240 respectively) Yellowish orange semi-dent kernels Hybrid seed production is easier due to synchrony in flowering Moderately resistant to Fall army worm and Charcoal rot 	 <p>Maize hybrid COH(M) 12</p>
5.	Blackgram VBN 12	KU 2016 x VBN 3	75-80 days	<ul style="list-style-type: none"> Season: Irrigated: <i>Aadi, Purattasi & Chithirai pattam</i> Rice fallow: Late <i>samba</i> Yield: Irrigated: 859 kg/ha [12% over VBN 6] Rice fallow: 850 kg/ha [22% over ADT 6 and 18% over ADT 7] Photo-insensitive type Long pod (5.5 - 6.0 cm) with more number of seeds per pod (up to 9 seeds) High batter volume (2.25 Litres / 500 g grain) Resistant to MYMV, ULCV and powdery mildew diseases; Resistant to whitefly and pod borer 	

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6.	Groundnut CTD 1	(ICGV 92069 x ICGV 93184) SIL 4 x (ICGS 44 x ICGS 76)	120 – 125 days	<ul style="list-style-type: none"> Season: <i>Vaikasi pattam</i> Yield: 2454 kg/ha (20.35% over CO 6) Tolerant to early season drought High oil content (49%) with high shelling (70.5%) Resistant to leaf miner and moderately resistant to leaf hopper Moderately resistant to late leaf spot and rust 	
7.	Castor hybrid YRCH 3	DPC 9 x JI 220	150 – 170 days	<ul style="list-style-type: none"> Season: <i>Aadi, Puratasi & Karthigai pattam</i> Yield: 2014 kg/ha Semi dwarf & branching type Proportion of female flower on the spike is > 95%. Resistant to lodging, non-shattering type Moderately tolerant to semilooper, <i>Spodoptera litura</i> and capsule borer and resistant to wilt 	
8.	Tomato CO 4	CBE SL 47 x CBE SL 69	160 - 165 days	<ul style="list-style-type: none"> Season: <i>Aadi & Thai pattam</i> Yield: 39.24 t / ha (47.57 % over PKM 1) Fruits with light green shoulder Extended shelf life Field tolerance to ToLCV 	
9.	Bhendi hybrid CO(H) 5	AE-CBE-92 x AE-CBE-921	110-120 days	<ul style="list-style-type: none"> Season: <i>Aadi pattam & Thai pattam</i> Yield: 28.85 t/ha (15.77 % over CO 4) Early in flowering (33-36 DAS) Twenty-three harvests can be made in a duration of 120 days starting from 38 days after sowing Moderately resistant to Yellow Vein Mosaic Virus and Enation Leaf Curl Virus (ELCV) 	

S. No.	Name of the variety/ hybrid	Parentage	Duration	Salient features	
10.	Chilli CO 5	Selection from <i>Yercaud</i> local	270 days	<ul style="list-style-type: none"> Season: <i>Aadi, Purattasi & Thai pattam</i> Yield: 4 t/ha (38.3% over Bydagi) Capsaicin content is exceptionally high (>1.0 lakh Scoville Heat Units) Suited for industrial purpose Field tolerance to Leaf Curl Viral disease 	
11.	Ash Gourd PLR 1	Selection from <i>Ayanpanaipakkam</i> local	Annual	<ul style="list-style-type: none"> Season: Suitable for all seasons Yield: 21 t/ha/yr Compact type fruit (350 g) Without off flavour Lesser seeds and more flesh Suited for terrace garden Moderately resistant to fruit fly and less susceptible to leaf miner and red pumpkin beetle 	
12.	Banana Kaveri Vaaman	Mutant of Grand Naine	330 - 360 days	<ul style="list-style-type: none"> Season: <i>Aadi & Purattasi pattam</i> Yield: 60-65 t/ha First banana mutant in India. Dwarf statured plant (1-5-1.6m) and withstands heavy wind Suitable for kitchen garden 	
13.	Avocado TKD 2	Clonal selection from TKD PA 82	Perennial	<ul style="list-style-type: none"> Season: June - September Yield: 129.61 kg/tree/year (51.84 t/ha) Regular bearer with cluster bearing habit (480 fruits /tree/year) Suitable for high density planting Medium sized fruits (270 g) Moderately resistant to fruit borer, shot hole borer and wilt disease 	

S. No.	Name of the variety/ hybrid	Parentage	Duration	Salient features	
14.	Acid Lime SNKL 1	Clonal selection from SNKL 19	Perennial	<ul style="list-style-type: none"> • Season: June - September • Yield: 58.20 kg /tree/year (16.60 t/ha) • Year around production with cluster bearing habit (5 fruits/cluster) • More peel thickness (1.95 mm); Suitable for long distance transport and more shelf life (10 days) • High juice content (54.1 %) • Moderately resistant to leaf miner, citrus butterfly, mites, gummosis, canker and dieback 	 <p>ACID LIME -SNKL-1</p>
15.	Nerium Thovalai 1	Clonal selection from NI 15	Perennial	<ul style="list-style-type: none"> • Season: July-August • Yield: 3.87 kg/plant; 9.67 t/ha/year • Cluster flowering habit and year-round production • Higher retentively in plants (7 days) • Moderately resistant to leaf spot and leaf caterpillar 	 <p>NERIUM THOVALAI 1</p>
16.	Coconut ALR 4	Selection from <i>Madhusudhana puram</i> local	Perennial	<ul style="list-style-type: none"> • Season: All seasons • Yield: 137 nuts / palm / year (95-105 nuts per year in West Coast Tall variety) • Dual purpose (Tender nut and Copra) tall variety • Tender nut water yield 520 ml/nut and de-husked fruit weight: 650 g • Oil content: 63.12% • Suitable for coir industries • Moderately tolerant to Rugose Spiralling whitefly and Eriophyid mite. • Resistant to leaf spot and leaf blight diseases • Free from of root wilt disease 	 <p>Coconut - ALR 4</p>

S. No.	Name of the variety/ hybrid	Parentage	Duration	Salient features	
17.	Nutmeg PPI 1	Selection from <i>Maaramalai</i> local	Perennial	<ul style="list-style-type: none"> • Season: All seasons • Mace yield: 1.72 kg/tree (265 kg/ha) Nut yield: 7 kg/tree (1092 kg/ha) • Average fruit weight: 80.72 g • Nutmeg oil: 7.46 - 7.7%; Oleoresin: 8.56% • Moderately resistant to fruit rot disease 	
18.	<i>Sirukurinjan</i> CO 1	Clonal selection from <i>Yercaud</i> local	Perennial	<ul style="list-style-type: none"> • Season: June – July • Yield: Fresh leaf yield: 6.48 kg/plant/ year Dry leaf yield: 4.54 kg/plant/ year • Gymnemagenin content: 0.72 % • Suitable for preparing anti-diabetic drugs • Susceptible to leaf webber during the months of November - December 	
19.	Oyster Mushroom KKM 1	Local selection	30 days	<ul style="list-style-type: none"> • Season: All-seasons • Yield: 641.6 g/bed (11.66 % and 10.65% over APK 1 and MDU 1) • Good shelf life and storable for 2 days at room temperature • Less prone to mould infection 	