

**Proceedings of the 85<sup>th</sup> Scientific Workers Conference held virtually  
on 08.02.2021**

**3. OILSEEDS**

**3.1. Groundnut**

**3.1.1 Advisory on suitable Groundnut varieties under different ecosystems in Tamil Nadu**

<b>Variety</b>	<b>Duration (days)</b>	<b>Season</b>	<b>Districts</b>
CO 7 (2013) (High oil content (50%), needs 30 days for proper germination)	110	Kharif/Rabi	<b>Kharif</b> June-July: Theni, Coimbatore and Tenkasi July-Aug.: Namakkal, Salem, Vellore, Tiruvannamalai, Villupuram, Dharmapuri, Erode, Karur and Cuddalore <b>Rabi/Summer</b> Dec-Jan.: Tiruvannamalai, Villupuram, Cuddalore, Vellore, Kancheepuram, Pudukkottai, Sivagangai, Madurai,
VRI 8 (2016)	105-110	Rabi/Summer	Virudhunagar, Namakkal, Salem, Dharmapuri, Erode, Coimbatore, Karur, Perambalur, Ariyalur and Trichy
BSR 2 (2019)	105	Kharif/Rabi	
TMV 14 (2018)	100-105	Early Kharif	Namakkal, Salem, Vellore, Tiruvannamalai, Villupuram, Dharmapuri, Erode, Karur and Cuddalore with scanty rainfall where TMV-7 were grown.

**3.1.2 Individual Issues to be followed in Groundnut:**

**a. VRI 8 (2016)**

This variety is recommended for High input condition and suitable for Rabi Summer season. There was a field observation indicating Poor

germination, big sized pod with small, shriveled kernels and *in-situ* germination of seeds of VRI 8 variety Groundnut during Kharif season in Cuddalore and Villupuram districts. TNAU should study these issues and inform in the next meeting. Till then, no indent for Breeder seed for VRI-8 shall be made and suitable advisory may be given to the farmers to cultivate VRI 8 Groundnut in Rabi-Summer season only.

**b. TMV-14 (2018):**

TMV-14 is suitable for rainfed condition and therefore, Department may study the field performance and include in the Seed chain if found high yielding compared to K6, K9 & GG7 Groundnut varieties

**3.3. Castor – YRCH-1 (2009), YTP-1(2019) & YRCH 2 (2017):**

Breeder seeds of these YRCH1 & YTP1 Castor have been supplied in 2020-21 and found to be good in farmers field. Another YRCH 2 also has been released in 2017 which is lengthy spikes, non-shattering and suitable for intercropping. TANSEDA should take up Seed production of castor YRCH 1 and 2 in SSFs to ensure timely supply of seeds to the farmers for which TNAU may give training on hybrid seed production. The performance of YTP-1 & YRCH-2 may also be assessed and informed in the next meeting.

**Specific Instruction to monitor the new cultures evolved by TNAU:**

District JDAs, DDAs and ADAs should give their personal attention to monitor the performance of newly released cultivars in Adaptive Research Trial plots. The field level performance of those cultures should be closely monitored by extension officials and scientists from local research stations and KVK. DOA & DHPC should issue suitable instructions to all districts. TNAU should communicate the list of new cultures sent to districts to DOA, with all necessary information. The crop sections concerned in the offices of DOA and DHPC should personally monitor the laying of ART plots from

sowing to harvesting and Complete database should be maintained about the outcome of ART.