

TAMILNADU AGRICULTURAL UNIVERSITY

Office of the Directorate of Research
Tamil Nadu Agricultural University
Coimbatore-641003.

Dated: 11.03.2019

PROCEEDINGS

A review meeting was conducted at the Tapioca and Castor Research Station (TCRS), Yethapur, under the Chairmanship of **Dr.K.S.Subramanian**, Director of Research, TNAU, Coimbatore on 06.03.2019 to assess the progress of work done in various research projects and activities of the station. All the projects were reviewed and the remarks are given for necessary action by all scientists in Tapioca and Castor Research Station, Yethapur. The following Scientists of Tapioca and Castor Research Station, Yethapur, attended the review meeting. The details are as follows.

Scientists of TCRS, Yethapur

1. Dr.S.R. Venkatachalam, Professor and Head
2. Dr.D. Raja, Professor (Agronomy)
3. Dr.M.K. Kalarani, Professor (Crop Physiology)
4. Dr.P. Arutchenthil, Assistant Professor (PB&G)
5. Dr.P. Kathirvelan, Assistant Professor (Agronomy)
6. Dr.M. Senthilkumar, Assistant Professor (Entomology)
7. Dr.P.S. Kavitha, Assistant Professor (Horticulture)
8. Dr.M. Deivamani, Assistant Professor (Pl. Pathology)

Research

- All the externally or internally funded research projects under various schemes AICRP , VCS , RFS, NADP, TNIAMP and others are to be numbered properly in accordance with the numbers assigned by the Office of the Directorate of Research, TNAU, Coimbatore.
- Submit completion reports in prescribed formats for those projects that were officially closed. (All Scientists)
- The completed projects must result in publications in peer reviewed national or international journals besides in regional language. As per the instructions of the Vice Chancellor, all the manuscripts that are to be submitted for publications should get number from the Director of Research Office.

- The outcome of the completed projects that were discussed should be presented in the upcoming crop scientist meet 2019.
- Project that were found unproductive, inconsistent or irrelevant to the agro-climatic zones were suggested to be closed
- Each scientist should possess at least one research project relevant to the requirement of the agro-climatic zone
- Scientists were strongly suggested to get projects from externally funding agencies and advised to take advantage of Grantsmanship Workshops to be organized in the month of March 2019 by the Director of Research, TNAU, Coimbatore.
- Promising castor hybrids identified in core project should be further evaluated critically for subsequent release.
- Industry oriented tapioca variety and short duration variety may be evolved.
- FLD on castor may be video documented and given as a technology for doubling the farmers income
- Promotion and popularization of castor hybrids in dry tracts of Tamil Nadu through TNAU stations wise CRS, Srivilliputhur, ARS, Aruppukottai, RRS, Kovilpatti and DARS, Chettinad should be attempted.
- Estimation of HCN content in tapioca leaves, rind and tubers may be done in TNAU Centre and not at Private organization.
- Finger printing of all genotypes pertinent to tapioca and castor may be done through outsourcing. Concerned Scientists may be permitted to attend training on finger printing at NBPGR, New Delhi.
- Research work other than mandatory crops may be avoided and can be taken up in the farmers holdings.

General

- TCRS, Yethapur foundation day has to be celebrated every year on 1st April and publish the same in Dailies
- TCRS, Yethapur is one of the well maintained farms that deserving appreciation and due recognition of support.
- ICAR - Asst.Prof.(Agrl.Econ.) is vacant for more than one year.
- Senior research fellow (SRF), Seed science and Technology may be recruited utilizing the fund from seed hub for castor hybrid seed production programme.
- Key features of TCRS, Yethapur in the form of video graphing should be depicted in the display board which will be supplied by the Office of the Directorate of Research, TNAU, Coimbatore.

- Digitalization work on castor seed distribution in Tamil Nadu has to be done using remote sensing on payment basis with the help of Dept. of Remote sensing.
- Permanent exhibits related to Tapioca and castor may be displayed in a separate exhibition hall, hence suitable proposal may be sent to the Directorate of Research for financial assistance
- Centralized laboratory with scientific equipments may be established for bio physical and bio chemical analysis
- Panoramic view of experimental trials may be captured utilizing drones through outsourcing.
- Proposal may be submitted for the purchase of calorimeter for estimating starch content in tapioca.
- Yethapur being the seed production hub for castor, scientists must bestow utmost care to produce and supply quality seeds in the new release castor hybrids YRCH 2, YRCH 1 and new castor variety YTP 1.

Farms

- In the farm, experimental fields are neat, clean and well maintained with appropriate field boards and labels.
- The following infrastructures may be created by utilizing the revolving fund
 - Irrigation source may be improved by digging borewell
 - Purchase of a new tractor
 - Erection of implement shed
 - Micro irrigation for all fields
 - Farm fencing with chain link
- The station deserves compliments for its overall good performance.

Administration

- Office records are updated and well maintained

Detailed Review Report

Name of the Research Station: Tapioca and Castor Research Station

URP / Externally Funded Projects / VCS / RFS / Core Project / Others

No	Project Leader	Project No. & Title	Date of Start & Closure	Status	Director of Research / Technical Director
A 1	Tapioca Dr.P.S.Kavitha Asst. Prof (Hort.)	AICRP/HOR/CBE/VEG /009 All India Coordinated Research Project on Tuber Crops - Cassava	April 2018 to March 2019	<p>CTCRI - Germplasm</p> <ul style="list-style-type: none"> ❖ 100 germplasm accessions under national repository programme received from CTCRI are maintained TNAU TCRS - Germplasm collections ❖ About 370 germplasm accessions are being maintained at TCRS, Yethapur. ❖ Planting of all germplasm accessions completed by 23.12.2018 and there was 95 % establishment <p>IET on Cassava</p> <ul style="list-style-type: none"> ❖ Harvesting done during last week of february 2019. ❖ Observations recorded analysis under progress <p>MLT on K efficient Cassava lines</p> <ul style="list-style-type: none"> ❖ Harvesting completed and plant analysis under progress <p>2nd year planting done on 18.12.2018</p> <p>Cassava Crop cafeteria</p> <ul style="list-style-type: none"> ❖ Harvested and planted on 21.01.2019 	<ul style="list-style-type: none"> • Finger printing to be done by outsourcing • Training may be proposed for attending at NBPGR, New Delhi • Necessary steps may be taken to equip laboratory for analysis of the plant and soil samples with the help of lab technicians working at TCRS, Yethapur

