

TAMIL NADU AGRICULTURAL UNIVERSITY

Office of the Directorate of Research,
TANU, Coimbatore 641 003.

Date: 04.06.2021

PROCEEDINGS

Dr. K. S. Subramanian, Director of Research, TNAU, Coimbatore visited the Tapioca and Castor Research Station, Yethapur on 22.03.2021 AN along with Dr. M. Kannan, Professor(Hort.) of this office and reviewed the ongoing various research activities and action taken on the proceedings of the various CSMs, SWC, Research Council and Reviews of Vice Chancellor & Other Technical Directors. **Dr. S. R. Venkatachalam**, Professor and Head, Tapioca and Castor Research Station, Yethapur had made brief presentation about the action taken on the previous inspection proceedings of Hon'ble Vice Chancellor and various schemes and research activities.

Overall, all the suggestions/remarks made by the **Vice Chancellor** in the review and cropping program presentations have been accomplished as indicated in the respective proceedings. The following are the key issues related to the farm is to be addressed. The Director of Research highlighted the current status of TNAU ranking in ICAR and the importance of high-quality research and publications for winning other merits and awards in the national level. The Director of Research also visited all field experiments laid out in the station. He also visited the new seed processing Unit constructed at a cost of Rs.38 lakhs and having an area of 3000 sq.ft. The following remarks/suggestions were given to scientists of the station for further improvement.

TCRS, Yethapur

A) General

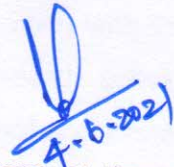
- ❖ All the scientists should have minimum of two University Research Projects (URP) in addition to their regular activities. [**Action** : All Scientists]
- ❖ All the scientists should actively involve themselves in station developmental activities for betterment of institution.
- ❖ All the scientists must try to publish minimum of one research article per year with NAAS Rating more than 6 to keep the momentum of research.
- ❖ Each Scientist should publish atleast one article in >6.0 NAAS rated journal and at least one review paper. (All Scientists)
- ❖ Monetizing value is to be calculated based on the quantity of the product sold and area spread (Action: Dr. P. Arutchenthil , Assoc. Prof. (PB&Genetics and Dr. P.S. Kavitha, Asst. Prof. (Hort.).
- ❖ The Station Exhibition Hall should contain the title, mandate of the station, objectives and achievement of the station, varietal spread in digital map, intervention of TNAU varieties in terms of money, in addition to varieties and technologies.

- ❖ Annual progress of work under ICAR-AICRP is to be presented to the Director of Research, TNAU, Coimbatore before attending the AICRP Annual Group Meeting.
- ❖ A seminar may be arranged on Typology in Integrated Farming System for the benefit of scientists at TCRS, Yethapur.
- ❖ TNAU inputs which are not produced at TCRS, Yethapur, may be purchased from other TNAU centres and sold in the sale counter of TCRS, Yethapur, for the benefit of the farmers.
- ❖ Hands on training may be organized for the Assistant Agricultural Officers on laboratory techniques on estimation of seed moisture and seed germination.

B) Research

- The externally funded project on "Detecting QTLs linked to Castor Fusarium wilt (*Fusarium oxysporum* f.sp. *ricini*) resistance and development of improved cultivars with wilt resistance through marker assisted selection" is to be submitted on or before 15.06.2021 (**Action** : . Dr.P. Arutchenthil , Assoc. Prof. (PB&Genetics).
- The review article "Heterosis in Castor" is to be submitted for publication in reputed journal on or before 15.06.2021. (Action : . Dr.P. Arutchenthil , Assoc. Prof. (PB&Genetics).
- The University Research Project handled by Dr. Raja, Professor (Agronomy), at TCRS, Yethapur is to be closed and completion report is to be submitted by Dr. P. Kathirvelan, Asst. Prof. (Agronomy).
- A new project may be proposed to study the drip fertigation for Castor and Tapioca. (Action : Dr. R. Nageswari , Asst. Prof. (Agro.)
- Research article on Typology is to be prepared and published in IFS Journal (Action : Dr. R. Nageswari , Asst. Prof. (Agro.) and Dr. T. Rajendran, Asst.Prof. (Agrl. Econ.)
- The Cassava germplam available at TCRS, Yethapur, may be screened for the pest and disease incidence at monthly intervals (Action, Dr. B. Geetha, Asst. Prof. (Agrl. Ento.) and Dr. N. Indra, Asst. Prof. (Pl. Pathol.)
- The microscopes for the plant protection scientists may be arranged on free transfer basis from the concerned Departments, TNAU, Coimbatore. (Action, Dr. B. Geetha, Asst. Prof. (Agrl. Ento.) and Dr. N. Indra, Asst. Prof. (Pl. Pathol.)
- For cassava booster, attractive packing cover printed with the dosage and method of application is to be upgraded. (Action: Dr. P.S. Kavitha, Asst. Prof. (Hort.).
- Completion report for the university sub project on "Evaluation of suitable cassava variety for rainfed ecosystem in hilly areas of Tamil Nadu is to be submitted. (Action: Dr. P.S. Kavitha, Asst. Prof. (Hort.)
- Completion report for the two breeding sub projects handled by Dr. P. Arutchenthil Assoc.Prof. (PBG) should be submitted immedietly.
- ICAR-AICRP projects handled by the individual scientists may be submitted for project number approval.

- The mechanism of flower shifting in castor may be studied with the help of physiologists.
- Dr. T. Rajendran Asst.Prof. (Agrl. Economics) is instructed to meet Director (CARDS) and Professor and Head, Agrl.Economics for improving his research & other related works.
- Dr. P. Arutchenthil, Assoc.Prof. (PBG) is advised for getting suitable external funded project based on the grantmanship workshop attended. Publication should be made for completed projects.


4.6.2021


DIRECTOR OF RESEARCH

✓ Copy communicated to the Professor and Head, TCRS, Yethapur, P.G.Palayam (p.o), Attur (Tk), Salem (Dt.)