

**No. TNAU/VC - Review/TANII Schemes progress/19-20/No.43/ dt.25.04.2019**  
**PROCEEDINGS**

**Sub:** TNAU -TANII Scheme progress - Vice-Chancellor's review on 22.04.2019 –  
Proceedings – issued - reg.

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The progress and action plan of TANII projects were reviewed by the Vice-Chancellor on 22.04.2019. The scientists involved in the co-ordination and implementation of TANII Schemes attended the meeting. The specific remarks of the Vice-Chancellor are detailed for follow up.

**General:**

Scheme officers those who have not sent the AUC may please send the same to the Comptroller and ensure that it is in order.

**2015-16**

1. Rhizotron based Plant – Microbe- Soil interaction to Yield Sustainability

- The equipment is to be put into use for review by the Impact Analysis Team.
- The electrification work should be sped and completed before this month end (30.04.2019).
- The voltage fluctuation is to be fixed. (Action : Estate Officer)
- Rhizotron should be put in to use for research and documentation.
- Garner financial support from ICAR/VCS for sustenance.

(Action: Professor & Head, Agricultural Microbiology / Special Officer (NRM) / EO)

2. Ultra high density orcharding and Modern method of Fruit Cultivation

- Possibility of utilizing the revolving fund for sustained research and follow up of the project.

(Action: Dean, HC & RI, Periyakulam)

3. Large area impact demonstration of fruit flies trapping technology to minimize the yield losses to mango farmers in Dharmapuri and Krishnagiri Districts of Tamil Nadu

- The impact analysis team from the government will be reviewing soon. The video recording and up scaling may be done.

(Action: Professor and Head, Department of Agricultural Entomology / Director, CPPS)

4. Integrated Seed Production Hub for Southern Districts of Tamil Nadu

- The foot over bridge work is pending.
- Water has to reach the farm before the onset of monsoon.
- Water released should be quantified and crops grown should be documented.
- The Engineer (TWAD) board may be addressed to complete the work within 3 months as the funds were released three years ago.

(Action: Dean, AC&RI, Killikulam)

## **2016-17**

### 1. Revitalization of millets for nutritional security and enhanced productivity

- FLDs may be conducted for dissemination of the project outcome.
- The current year work may be taken up as per the schedule.
- The third year balance is to be spent.
- Documentation for upscaling is to be done.

(Action: Professor and Head, Department of Millets / Director, CPBG, Coimbatore.)

### 2. Promotion, Commercialization, Post-harvest and Industrial Application of Annatto (*Bixa orellana* L.) as a source of natural dye

- Facilities available may be exposed to the private companies for up scaling the project.
- The training component may be completed before May 2019.

(Action: Professor and Head, Department of Tree Breeding / Dean, Forest College and Research Institute, Mettupalayam)

### 3. Establishment of Integrated Organic Silvo-pastoral models suitable for Alfisol tracts of Tamil Nadu

- Steps may be taken to restore the trees affected by cyclone.
- Animal Husbandry department should be contacted for release of balance funds.

(Action: The Professor and Head and Project Director Centre of Excellence in Dryland Agriculture, Dryland Agricultural Research Station, Chettinad)

### 4. Mitigating occupational drudgery of farm women through ergonomic interventions

- Power weeder design should be completed and tested before May 2019.
- The designed weeding tools and its related technology may be taken to CRS, Srivilliputhur for dissemination.

(Action: Professor and Head, Dept. of Family Resource Management and Consumer Science / Dean, Community science College and Research Institute, Madurai.)

## **2017-18**

### 1. Development of nutritionally enhanced, climate-resilient, premium quality rice varieties

- XMR Spectrophotometer is to be installed and put into use.
- Purchase process for XRF spectrophotometer may be completed.
- The use of the equipments in research should be documented.

(Action: The Director, Tamil Nadu Rice Research Institute, Aduthurai)

### 2. Production and distribution of quality grafted vegetable seedlings

- The poly house installation is to be completed.
- Revalidation of funds may be completed.
- The usage of the equipment for production of grafts may be explored.
- The quantity of grafts produced and supplied may be documented.

(Action: Professor and Head, Department of Vegetables / Dean, HC & RI, Coimbatore)

### 3. Organic Inputs and Bio-Inputs Characterization for Organic Agriculture

- The savings amount of last year budget is to be spent after getting approval of competent authority.
- The current year amount of Rs 8 lakhs is to be spent.



- Characterization of organic inputs is to be done. LCMS purchase should be completed by giving top priority. Delay may be avoided.
- Nominal charges may be collected from farmers and organic farming agencies for analyses.

(Action: Professor and Head, Department of SOA / Director, Crop Management, Coimbatore.)

### **2018-19**

1. Ensuring supply of uniform and quality planting material in coconut through micro propagation.

- The technical work on media standardization is to be completed soon.
- Any MoUs should be completed before May 2019.
- Feasibility of getting available patented technology from other institutions in Australia / Mexico may be explored.
- Repeatability of the results may be checked and mass multiplication is to be taken up soon.

(Action: Director, CPMB, Coimbatore.)

2. Skill development and employment generation in Palmyrah based ventures for rural youth.

- The progress of work should be intimated.
- The amount released may be spent as per the proposed schedule.
- The work should be accelerated and completed soon.
- Explanation may be called for from Dr. Puspha, the PI of the project for the slackness in the progress

(Action: Dean, AC&RI, Killikulam)

3. Optimizing farm mechanization practices for different soil types and crops of Madurai district

- The purchase of farm machineries is to be completed before May 2019.
- Demonstration should be done in the ensuing season and work should be documented with video support before June 2019.

(Action: Professor and Head, Farm Management, AC&RI, Madurai)

Action taken may be reported regularly.

(By Order of the Vice-Chancellor)

  
Registrar 11/24/19

To

1. The Dean, Horticulture College and Research Institute, Periyakulam
2. The Dean, Horticulture College and Research Institute, Coimbatore
3. The Dean, Agricultural College and Research Institute, Killikulam
4. The Dean, Community Science college and Research Institute, Madurai
5. The Dean, Forest College and Research Institute, Mettupalayam
6. The Director, Centre for Plant Protection Studies, TNAU, Coimbatore
7. The Director, Tamil Nadu Rice Research Institute, Adhuthurai
8. The Director, Centre for Plant Breeding and Genetics, TNAU, Coimbatore
9. The Director, Centre for Plant Molecular Biology, TNAU, Coimbatore
10. The Director, Directorate of Crop Management, TNAU, Coimbatore

11. The Director (Seeds), TNAU, Coimbatore
12. The Special Officer, Natural Resource Management, TNAU, Coimbatore
13. The Professor and Head, Department of Agricultural Microbiology, TNAU, Coimbatore
14. The Professor and Head and Project Director Centre of Excellence in Dryland Agriculture, Dryland Agricultural Research Station, Chettinad
15. The Professor and Head, Department of Family Resource Management and Consumer Science, CSC&RI, Madurai
16. The Professor and Head, Department of Vegetables, HC&RI, Coimbatore
17. The Professor and Head, Department of Agricultural Entomology, TNAU, Coimbatore
18. The Professor and Head, Department of Millets, TNAU, Coimbatore
19. The Professor and Head, Department of Sustainable Organic Agriculture, TNAU, Coimbatore
20. The Professor and Head, Department of Agronomy, AC&RI, Madurai
21. The Estate Officer, TNAU, Coimbatore

CC:

The Director, Planning and Monitoring, TNAU, Coimbatore - for further follow up action  
The Director of Research, TNAU, Coimbatore.  
The TPO to the Vice-Chancellor, TNAU, Coimbatore.