

TAMIL NADU AGRICULTURAL UNIVERSITY

O/o The Registrar,
TNAU, Coimbatore

No. TNAU/VC - Review/TRRI, Aduthurai /19-20/No.50/ dt.16.05.2019

PROCEEDINGS

Sub: TNAU –TRRI, Aduthurai - Vice-Chancellor's review on 04.05.2019 & 05.05.2019 –
Proceedings – issued - reg.

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The Vice-Chancellor reviewed teaching, research and outreach activities of the TRRI, Aduthurai on 4th and 5th May, 2019 and suggested the following points for immediate action:

A. General

1. Proposal may be sent to modify the mandate of the Institute in accordance with the present need of the farmers and activities of the Institute by arriving a consensus by conducting Regional Research and Extension Advisory Council Meeting.
2. Proposal may be prepared and sent for the centenary celebration at TRRI, Aduthurai on the eve of the 100 years completion.
3. Scientists are encouraged to conduct ODL/certificate courses for the benefit of the farmers of the Cauvery Delta Zone
4. Proposal may be sent to procure Pulse Seeder from AEC & RI, Kumulur.
5. Proposal be sent on the following items:
 - Office vehicle for school trip
 - Two wheeler for office use
 - New vehicle for Director
 - Combined harvester for farm use (To be a transferred from Kumulur)
 - Mobile dryer for seed drying during winter season
 - Repair work and drainage management in the residential Quarters
6. Renovating TNAU staff club and bringing it under function.
7. A new vehicle shed may be constructed nearer to the staff quarters.
8. Pani pipe for irrigation management should be promoted to the farmers.
9. All AAOs should submit monthly report to their respective Unit Officer.
10. Fisheries University Scientists may be collaborated for introduction of new kinds / species of fishes in the farm ponds .
11. Interest accrued in TANII project may be converted in to VCs for maintenance of instruments after the project period.
12. Electrification, repair and renovation of TRRI building may be initiated.
13. Off campus farmers training may be encouraged.

14. TRRI Library may be strengthened with latest books on recent research needs.
15. A part of new guest house may be converted as Director's residence.
16. Scientists should have frequent farmer's field visits to understand field problems
17. Each Scientist should obtain externally funded projects.
18. All the Scientists are request for proper maintenance of research records, upkeep and maintenance of stocks and related records and daily trial plot visit.

B. Research

1. A study on spread and impact analysis of the varieties and technologies released from TRRI, Aduthurai on the livelihood of the farmers need to be initiated by involving Agricultural Economist / Extension scientists from the adjacent College / Research Stations.[Action: Director (CARDS)]
2. The farmers are to be sensitized for soil health maintenance by quoting the results of the Permanent Manurial Experiments conducted during the past 15 years.
3. Soil scientist has to scan the information available in the previous records and propose research work related to importance of secondary nutrition especially Sulphur, zinc in rice, potassium response and dynamics in Cauvery delta zone and the same may be submitted for external funding.
4. In the experiments viz., PME, LTFE, Cropping sequence and cultivation methods, the microbial population load and the change in the properties of the soil may be studied.
5. The antioxidant and natural dye properties of *Mesta calyx* may be explored for commercial exploitation and the cultures with high biomass, late flowering suitable for CDZ may be identified in collaboration with Dean, FC & RI, Mettupalayam.
6. Prediction model for the outbreak of pest and diseases in correlation with weather parameters has to be developed and forewarning for pest and disease along with weather forecast in Region II has to be made.
7. Efforts are to be taken up to restore all the released varieties of TRRI and part of the seeds may be deposited in Ramaiah Gene Bank, TNAU, Coimbatore
8. Studies on sprinkler irrigation, mitigation of iron and zinc in the direct seeded rice may be initiated and package of practices along with fertilizer recommendation for direct seeded rice may be expedited.
9. A Seed coating / Designer seed technology for enhanced germination, vigour as well as resistance to pest and diseases of the crop at early stages under rice fallow situation may be developed and validated.

10. The microbial consortia developed for sheath blight management in direct seeded and transplanted rice in a research project may be validated by conducting demonstration/Field trials.
11. Project may be proposed for upscaling the "TNAU lure" and "pheromone" related studies by citing the facilities available at TRRI, Aduthurai.

C. Farm activities

1. The seed production for new varieties through 'contract farming' involving local progressive farmers may be initiated by the Seed Technologist.
2. The possibility of planting high biomass producing trees in the bunds of the wetland ecosystem to cater the green leaf manure of the farmers may be explored in consultation with forestry scientist.
3. Demonstration plots may be raised to demonstrate the technologies like special tractor with rotavator, Wet land laser leveller and modified conoweeder, automated pelleted paddy drum seeder with the help of AMRC, TNAU, Coimbatore.

Action taken may be reported regularly.

(By Order of the Vice-Chancellor)


Registrar 16/5/19

To

Director, TRRI, Aduthurai

CC:

The Dean, AEC & RI, Kumulur, Dean (Engg.) AEC & RI, Coimbatore for necessary follow up action.

The Dean, FC& RI, Mettupalayam / The Director (CARDS) / Director of Research, TNAU, Coimbatore

The TPO to Vice-Chancellor for further follow up action