

TAMIL NADU AGRICULTURAL UNIVERSITY

O/o The Registrar,
TNAU, Coimbatore

No. TNAU/VC – Review/ ORS & KVK/Tindivanam/20-21/No.66-I & 67-I/ dt.24.09.2020

PROCEEDINGS

Sub: TNAU – ORS & KVK, Tindivanam – Vice-Chancellor's Visit - on 21.09.2020 -
Proceedings – Issuance - regarding.

Ref: This office earlier Proc. No. 66 and 67 dt. 02.08.2019.

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The Vice Chancellor, Tamil Nadu Agricultural University reviewed the activities of Oil Seeds Research Station and KVK, Tindivanam on 21.9.2020. During the review, the following instructions were given for the station / KVK development which requires a follow up.

ORS, Tindivanam

A. General:

1. None of the staff (Both ORS & KVK) have prepared the presentation of their progress of work despite many circulars issued from the Office of the Vice-Chancellor (Registrar email dt. 23.01.2019 and TPO letter dt. 20.08.2020). This is viewed with much **displeasure**.
2. The old hostel rooms may be used for rearing livestock and as demo units for country chicken incubation and rearing. The old hostel rooms should be cleaned and the termite mounds should be removed and kept clean.
3. Fruit garden should be developed around the staff quarters area and *Amaranthus* seeds should be sown in between Jack seedlings to maximise the space utilisation.
4. Repair of old instruments should be done and instrument beyond repair should be condemned as per the University norms.
5. The integrated laboratory complex buildings should be given face lifting works such as white wash, paint and water line plumbing work etc.
6. ORS and KVK scientists combinely should address and attend the farmers field level problems and document the same.
7. The old ladies hostel should be revamped and floored with tiles and the front portion paved with cement paver blocks. After renovation, the buildings should be used for housing the staff on rent basis.
8. The office record clerk should be used for bank duty by both the offices of ORS and KVK to save man power.
9. Proposal for filling one vacant post of Agricultural Assistant in AICRP scheme should be followed up.

B. Farm Development:

1. The farming with Agroforestry plantations (17 acres) should be taken up after having discussions with TNPL /FC&RI, Mettupalayam before monsoon with the help of contract labours.
2. Mango trees should be pruned in such a way to facilitate planting of forestry tree saplings.
3. The available vacant and unutilised lands should be brought under short term cropping viz., castor, sesame, chillies and brinjal (**before 30th October 2020**).
4. Live fencing should be planted with thorny catci plants around the mango orchard to prevent animals from grazing the field crops.

5. Many Teak trees have attained required growth and hence necessary proposal should be sent for auctioning following University norms.
6. The Moringa plants should be pruned to manageable height for better yield. Three pruning have to be given for effective yield. Minimum of one acre should be planted with Moringa.
7. Periodic shifting of the Mahua tree saplings in the poly bags should be done to avoid root growth and penetration in to the ground.
8. The available Banganapalli mango trees in KVK farms should be used as scion for mango propagation.
9. Vegetable seed production should be maximized and revenue generation should be increased.

C. Research:

1. The bioinoculants and biocontrol agents production laboratory should be integrated with the Microbiology and Plant pathology units for effective utilization of Integrated Laboratory complex at ORS, Tindivanam for revenue generation.
2. Information about the availability of different types of nutrient mixtures at the Directorate of NRM, TNAU should be collected and recommended to the needy farmers. Charts depicting the nutrient demand and supply through mixtures / boosters may be prepared and displayed.
3. The available PME research data of thirty years should be statistically analysed and published in peer review journal.
4. Research studies on Zinc Solubilising Bacteria is to be carried out after having discussions with Dr. D. Balachander, Professor (Ag. Microbiology). Its effectiveness in a larger scale (say an acre) be test verified as it is a task assigned to the Department of Agrl. Microbiology.
5. Production of VAM should be included in the integrated bio inoculants production unit in ORS, Tindivanam.
6. The analytical report on the Nutritional quality of Moth bean from Community Science College and Research Institute may be obtained at the earliest and reported.
7. In the project related to drought mitigation studies, the proline and other chemical contents should be analysed.
8. The mother culture may be obtained from National Centre of Organic Farming, Faziabad and may be utilised in ORS, farm.

Krishi Vigyan Kendra, Tindivanam

1. Co-ordination with the Professor & Head, Oilseeds Research Station is required for mechanizing Groundnut cultivation and field day should be organized with the participation of district and state level extension functionaries and higher officials during February - March 2021.
2. Demonstration should be done on high-tech cultivation of melons and gourds with drip & polyethylene mulching in the KVK farm. Area under rice cultivation may be reduced in the farm in view of water shortage.
3. Planting of the local tree species should be done in and around the Farm pond and vacant space in the KVK premises.
4. Nano rice booster and nano NPK should be used for rice and horticultural crops respectively may be test verified in mandatory crops.
5. Desi poultry chicks production and rearing has to expanded as an income generation activity under revolving funds by occupying the existing buildings of diploma class rooms and boys hostel with petty repair works.

6. Seedless Jamun cuttings may be tried after pruning followed by dipping the cuttings in 2500 ppm IBA.
7. Proposal may be submitted for the seeking funds from University for building maintenance since ICAR is not providing funds for the same.
8. Close planting by 2 x 2 m of perennial tree fodder crops viz., Manila tamarind, Jackfruit, Agathi, Kalayana moringa and Kadamba for livestock block have to be undertaken.
9. Cement pole support and addition of sand around the pole before planting of dragon fruit need to be done.
10. Basins are to be formed for Kadamba plantation trial plots to be laid by the IFTGB, Coimbatore.
11. In mist chamber, raised bed with sand mixture should be formed for production of Guava cuttings.
12. Home Grown Nursery, Kerala may be contacted for mobilization of promising genotypes of Jack for establishment of mother block at KVK farm under revolving funds.
13. In meadow planted Guava, it is instructed to go for severe pruning coupled with tipping, weeding and manure application to trigger flowering.
14. Plant Protection scientist should have frequent touch with Directorate of CPPS to have acquaintance on recent developments to manage the fall army worm and rugose spiraling white fly in Coconut.
15. Soil scientists should conduct survey on district cropping pattern and soil fertility dynamics in addition to campus soil fertility map preparation.
16. Soil scientists have to discuss with the Director, NRM, Coimbatore regarding the different chelates, micro nutrient mixtures and bio consortia.
17. Soil scientists should identify the problematic soils in the district and it should be addressed in consultation with the Director, NRM, Coimbatore.

Common to both ORS and KVK, Tindivanam

1. All the scientists are instructed to record scientific observations from the OFT's and FLD's to publish research articles in the journals having NAAS rating of >6.0 and also publish the case studies and success stories in the popular magazines.
2. All the scientists are instructed to get external agency funded schemes/projects for institutional resources mobilization and career development of the individuals
3. ORS and KVK scientists should work jointly by utilizing all the available resources towards effective functioning and addressing the field issues as well as income generation activities.

Action taken may be reported regularly.

(By order of the Vice-Chancellor)


Registrar 24/9/2020

To
The Professor and Head, ORS, Tindivanam and Programme Co-ordinator, KVK, Tindivanam

CC: The Director of Research/Director, Directorate of Extension Education/ Dean, FC & RI,
Mettupalayam/Dean, CSC & RI, Madurai.
TPO to VC for necessary follow up

