

## TAMIL NADU AGRICULTURAL UNIVERSITY

O/o the Registrar  
TNAU, Coimbatore

**No. TNAU /VC-Review/ ARS, Vaigai Dam /2020-21/No.45 -III / 2020 dt.01.12.2020**

### **PROCEEDINGS**

**Sub:** TNAU - Vice-Chancellor's review on 25.11.20 at ARS, Vaigai Dam - Proceedings –  
issuance – regarding

**Ref:** This office earlier proceedings No. 45, 45 – I and 45-II dt. 29.04.2019, 12.11.2019 &  
06.11.2020 respectively.

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The Hon'ble Vice-Chancellor, TNAU reviewed the activities of ARS, Vaigai Dam on 25.11.2020. The entire gamut of research, farm development and seed production activities of the Station were reviewed and the outcomes are indicated for further follow up.

#### **A. Research :**

1. Maintenance of germplasm in sesame is good and after evaluation of the germplasm, promising lines may be utilized in breeding programmes.
2. A project on Enhancement of nutritional security of under privileged farming community of Southern Tamil Nadu was operated at this Station during 2016-2019 with the support of GOI-DST. The outcome of the project, area covered, farmers involved and the area expansion under seed production envisaged owing to the implementation of the scheme, value addition taught and practiced etc. be brought out. Necessary follow up may also be taken to utilize the services of those identified farmers in promotion of VGD 1 rice.

#### **B. Seed Production :**

1. Efforts taken for maintaining genetic purity in breeder seed production is appreciable.
2. The seed crops raised in Farm I and II are good. Utmost care may be taken to ensure the purity of the seeds.
3. Cost of cultivation for seed production in sunnhemp may be worked out *vis-a-vis* revenue.
4. Intercropping of YRCH 1 castor hybrid seed production in Bamboo Oxygen park is good and the cost economics on intercropping castor in bamboo may be worked out.
5. Seed production in the farmers holding be undertaken by the Asst. Professor (SST) as per the guidance to be given by the Director, Seed Centre to whom fixing additional targets of seed production for various Seed Technologists have been mandated.

### **C. Farm Development :**

1. Farm mechanization may be followed wherever possible while raising paddy. The Professor and Head, Department of Agronomy, AC&RI, Madurai may be contacted to utilize the rice transplanter available at AC&RI, Madurai.
2. Coconut seedlings may be planted on both sides of the farm road in B block in Farm II near bamboo oxygen park.
3. Non-bearing and dried cashew trees in B block of Farm II may be removed and new cashew grafts (CRI -3 VRI – 4) may be planted adopting trench method at a spacing of 5 x 4m. A proposal with detailed estimate may be submitted for requesting one time grant under ERDF on loan to meet out the expenditure. The operational contingencies may be booked under ICAR-Mega Seed Project-Horticultural Crops-Revolving Fund for operation.
4. To utilize the barren land in C, E and F blocks (area around 15-20 acres), the Dean, FC&RI, Mettupalayam may be contacted to prepare a plan for agroforestry and signing of MoU with TNPL.
5. Trees and other bushes encroaching the fields particularly along the bunds in farm – II may be removed by following University norms and the revenue generated from the sale of removed trees may be utilized for farm development with University's approval.
6. Growth of *Acacia mellifera* (Indhumul) and other thorny bushes along the fences and in the field may be cleared by following University norms to bring more area under cultivation.
7. Proposal may be prepared for laying approach road along the periphery of Farm I & II and the same may be executed based on University guidelines.
8. Possibility of erecting solar fence around Farm I & II may be explored with the help of the Estate Officer.

### **D. Infrastructure maintenance:**

#### **Maintenance of Pump house:**

1. Electrical panel with starter may be set up in Farm I pump house for easy maintenance.
2. A concrete structure around the submersible pump may be constructed in Farm I pump house to prevent the entry of water hyacinth and growth of other weeds. Assistant Executive Engineer, HC&RI, Periyakulam may be contacted to prepare an estimate and submit the same for approval.
3. Since, the 75 HP motors available in the Farm II pump house are old and consume huge maintenance cost of around Rs. 1.5 lakhs each time, it needs a replacement. A proposal in this regard be submitted to the University for inspection of the existing motor by a team and to purchase new motor of around 45 HP capacity. Leading motor companies like TEXMO, Deccan, Suguna Motors, CRI Pumps etc. may be contacted and requested to

inspect the site to suggest a suitable pump to lift the water and transport to Farm II. This inspection report be made available to the team to facilitate the evaluation.

4. For easy lifting and erection of motor pumps in Farm II, a permanent concrete structure may be erected with all protective measures, trolley with chain block. Assistant Executive Engineer, HC&RI, Periyakulam may be contacted to prepare an estimate and be submitted for approval.

#### **Maintenance of buildings:**

1. Assistant Executive Engineer, HC&RI, Periyakulam may be contacted to prepare a detailed estimate for rectification of ceiling in the seed storage godown and office building.
2. Proposal may be submitted to the University for raising one floor in the existing office building.
3. The existing three residential quarters in farm I may be renovated and one quarters may be reconditioned with additional room to allot to Farm Manager / Assistant Professor (Farms)
4. A proposal may be submitted for construction of new seed processing unit with godown.

#### **E. General :**

1. Proposal may be submitted for sanctioning an e-bike for movement within the farms
2. Labour shed in Farm II and Rest room facility for staff in Farm I may be created.
3. Since, the office jeep (Bolero TN 60 E 9218) is old and has crossed 2.5 lakh km, proposal may be submitted for purchase of new vehicle indicating the availability of revolving funds.
4. Personal efforts be taken to drop the audit objections by effecting suitable recoveries / adjustments / settlements or submission of suitable proposal to the University.

Action taken be reported regularly.

(By order of the Vice-Chancellor)

  
Registrar 11/2/2022

To  
The Professor and Head, Agricultural Research Station, Vaigaidam

CC: The Director, Seed Centre/ The Director of Research/ The Estate officer, TNAU Coimbatore.  
The Professor and Head, Dept. of Agro., Madurai,/ Dean, AC &RI, Madurai/ Dean, HC & RI,PKM  
The TPO to VC for necessary follow up

