

TAMIL NADU AGRICULTURAL UNIVERSITY

O/o The Registrar,
TNAU, Coimbatore

No. TNAU/VC – Review/ ARS Kovilpatti/20-21/No.17-I/ dt.20.10.2020

PROCEEDINGS

Sub: TNAU – Vice-Chancellor - Visit to ARS, Kovilpatti on 16.10.2020 – Proceedings –
issuance - regarding.

Ref: This office earlier Proc. No. 17-I dt. 28.12.2018.

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The Vice-Chancellor, TNAU reviewed the activities of the Agricultural Research Station, Kovilpatti on 16.10.2020 wherein the overall progress of farm activities, research of individual scientists and the office was reviewed. The points which require further follow are detailed:

A. Research

1. All the scientists must propose one external agency funded scheme each.
2. The technical Directors may be invited for field visit during the cropping season.
3. Breeders may focus for the release of varieties especially in Sorghum, Chillies (by Horticulturalist) and Diploid cotton.
4. Considering the climate change, use of TNAU Nano Rhizo Booster may be tried during the dry spells to sustain the crop growth.
5. Research on new crops like cluster bean and oilseeds may be explored after analyzing the situation, earlier research, farmers and Department officials feedback and on having discussions with Directors of CPBG and Director, Crop Management by the respective faculty scientists.
6. Soil and water conservation practices may be taken up for demonstration purpose.

B. Farm development

1. Automated drip fertigation has to be established in 10 acres of black soil farm for assured seed production of maize, cotton, sorghum and chillies to increase the farm receipts.
2. Exclusive borewell with solar power may be established for 30 acres of new area for raising arid zone fruits crops like apple ber, jamun, amla and manila tamarind.
3. Vanni (*Prosopis cineraria*) tree seedlings may be raised through raised bed and area under vanni plants may be increased.
4. Medicinal plant *Withania somnifera* and Ashoka tree may be introduced in black soil by contacting Dr. K. Rajamani, Professor and Head, Department of Medicinal and Aromatic plants, TNAU, Coimbatore.
5. Training and pruning of manila tamarind and morigna trees should be done at regular intervals.
6. Bunds in black soil farm should be planted with economic important trees viz., illupai, neem and silk cotton.
7. Alternate tree fodder crops suitable for semi arid region like Khejri, Kadam and *Melia* may be introduced in black soil farm for demonstration purpose.
8. For live fence maintenance, the earth mover (JCB) available in AC&RI, Killikulam may be utilized during the lean period.
9. Combined harvester and other implements available at AC&RI, Killikulam may be utilized for harvest and other farm operations.

10. Request for additional vehicle to Agricultural Research Station, Kovilpatti for field inspection and input supply to farmers' field under AICRPDA, AICRPAM, NICRA and Main works be sent.
11. Local sheep breed "Vempur" (30 Nos.) may be purchased and maintained for developing Rainfed Integrated Farming system (RIFS). The cattle shed may be altered to accommodate sheeps also.
12. Re -tender process be initiated for auction the old jeeps by getting the lists of agencies from Tamil Nadu State Transport Corporation (TNSTC), Tirunelveli / Tuticorin.
13. Implements shed may be established in black and red soil farms.
14. One set of reduced tractor wheel for intercultural operations may be purchased.

C. Office

1. All audit para should be dropped and the senior most office staff should be assigned with this work.
2. Register of registers should be maintained.

D. General

1. The Vision, Mission and mandate of the Research Station be suitably modified with the approval of the University to suit the current activities by defining the crops of need.
2. All the scientists should have regular contact with their concerned Technical Directorates for updating new technologies and should include the same in their research projects.
3. Insect boxes available at ARS, Kovilpatti be transferred to Institute of Agriculture, Kumulur.
4. All the scientists should publish research papers in high NAAS rated journals.
5. The Dean, AC&RI, Killikulam may be contacted to allot one course for each of the scientists.
6. The area belonging to the farm and lying few meter distance away from the station be utilized for productive purposes.

E. Civil Work

1. The farm office building constructed in 1986 has developed severe cracks and poses a threat to the occupants. The Estate Officer may arrange to inspect the same and submit a report to take further action.

Action taken may be reported regularly.

(By order of the Vice-Chancellor)


Registrar 20/12/2020

To Professor and Head, ARS, Kovilpatti

CC : Director of Research / Director (CPBG)/ Director(CM)/Dean, HC & RI, Coimbatore/
Dean, AC & RI, Killikulam / Principal, IOA/ Estate Officer / Professor and Head, Medicinal
and Aromatic Plants, HC & RI, Coimbatore
TPO to VC for necessary follow up