

TAMIL NADU AGRICULTURAL UNIVERSITY

O/o The Registrar,
TNAU, Coimbatore

No. TNAU/VC - Review/TCRS, Yethapur /19-20 /No.88/ date: 08.11.2019

PROCEEDINGS

Sub: TNAU - TCRS, Yethapur - Vice-Chancellor's Review on 30th October, 2019 -
Proceedings - issuance - regarding.

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Vice-Chancellor reviewed the activities of Tapioca and Castor Research Station, Yethapur on 30.10.2019 and offered the following suggestions for further action:

I. Research

a. Tapioca

- OFT may be conducted in saline water problem areas using "Triveni Biomix" consortia in consultation with Scientist of Central Soil Salinity Lab, Lucknow. Melatonin may also be included in the treatment.
- In addition to the National repository collections maintained at TCRS, Yethapur, same set of entries may be maintained at nearby Government farms at Karumanthurai to mitigate the loss of germplasm materials due to abnormal weather conditions. Draft be sent for approval.
- Wild species of *Manihot* which is resistant to Cassava Mosaic Disease may be sourced from Yercaud hills and utilized for further breeding programmes under Tapioca.
- Cassava tonic may be commercialized in the name of Cassava triple/combine/booster (Cassava sughandh or the like) after approval by TNAU.
- True cassava seed breeding materials may be maintained properly and further screened for high yield, starch, biotic and abiotic stress tolerance.
- Efforts may be taken for mechanizing Tapioca tuber harvest in collaboration with AMRC, TNAU, Coimbatore.

b. Castor

- Performance of Hybrid Castor in high altitude (particularly in Western ghats) may be evaluated.
- Suitable plant type with basal branching and short duration may be evolved for varying rainfall pattern.

- Newer initiatives by collecting wild type castors from local areas (Papaya leaf type) be taken up to extract the desirable pest and disease resistance especially for *Botrytis*, grey mold disease.
- Efforts are needed to develop castor hybrids to adopt various climatic conditions.
- CSM Action plan 2019 trial on reconstitution of parent material for castor hybrid YRCH-1 may be continued and critically followed.
- Hybrid castor seed production plot raised at ARS, Vaigaidam may be followed up for maintaining the genetic purity.
- Different isolates of *Trichoderma* species available at Indian Institute of Spices Research, Calicut may be collected and utilized for *Fusarium* wilt management in Castor.

II. Administration

- Acquiring additional government land available nearer to TCRS Farm be explored and proposal may be sent.
- Expenditure should be made within the stipulated time to utilize the non-recurring contingency available under ICAR- AICRP-IFS scheme and proposal may be sent for construction of animal shed in the farmers field utilizing SCSP component involving Veterinary Scientist available at KVK, Sandhiyur.
- To avoid audit objections at a later date, proper acknowledgement in the prescribed format should be obtained from line Departments.

III. General

- Proposal may be submitted for construction of surface level water tank utilizing revolving fund and seed hub fund available at TCRS, Yethapur.
- Proposal may sent for installation of solar street lights at TCRS, Yethapur to Estate Officer utilizing University Fund.
- Proposal may sent for strengthening of farm fence by utilizing the FMC fund at the start with repayment from the revolving fund at a later date.
- Crop residues/weed waste may be ploughed *in-situ* or decomposed properly for farm use.
- Permanent exhibition may be arranged at TCRS farm premises.
- For night watch and ward, skilled labourers may be engaged on consolidated basis as per the University norms.

- The place for constructing seed godown under castor seed hub programme be selected in the vacant site adjoining to the existing implement shed.
- Rainwater runoff may be channelized properly for recharging borewell and open wells.
- Bund strengthening at appropriate place may be done to check the soil erosion.

Action taken may be reported regularly.

(By order of the Vice-Chancellor)


Registrar
8/11/19

To
The Professor and Head, Tapioca and Castor Research Station, Yethapur

CC: The Director of Research, TNAU, Coimbatore
TPO to the Vice – Chancellor, TNAU, Coimbatore for follow up.