

TAMIL NADU AGRICULTURAL UNIVERSITY

Office of the Directorate of Research,
Tamil Nadu Agricultural University,
Coimbatore 641 003

Date: 19.02.2019

PROCEEDINGS

A review meeting was conducted at the Agricultural Research Station, Bhavanisagar, under the Chairmanship of **Dr. K. S. Subramanian**, Director of Research, TNAU, Coimbatore, on **19.02.2019** to assess the progress of work done in various research projects and activities of the Station. The following Technical Directors and the Dean (Horticulture) and the scientists of ARS, Bhavanisagar attended the review meeting.

All the projects were reviewed and the remarks are given in the following table for necessary action by all scientists in ARS, Bhavanisagar.

Technical Directors

1. Dr. V. Geethalakshmi, Director (Crop Management)
2. Dr. K. Prabakar, Director (CPPS)
3. Dr. S. Paneerselvam, Director (WTC)
4. Dr. R. Santhi, Director (DNRM)
5. Dr. L. Pugalendhi, Dean (Hort.)
6. Dr. K. Sathyamoorthi, Prof. (Agron.), O/o The Directorate of Research

Scientists of ARS, Bhavanisagar

1. Dr. N. K. Prabhakaran, Prof. & Head
2. Dr. Sangeetha Panicker, Professor (Pl. Pathology)
3. Dr. D. Muthumanickam, Professor (SS&AC)
4. Dr. V. Manonmani, Professor (SS&T)
5. Dr. K. Malarkodi, Assistant Professor (SS&T)
6. Dr. K.M. Sellamuthu, Asst. Professor (SS&AC)
7. Dr. D. Malarvizhi, Asst. Professor (PBG)
8. Dr. B. Meenakumari, Asst. Professor (PBG)

9. Dr. A. Valliammai, Asst. Professor (SWC)
10. Dr. M. Rajavel, Asst. Professor (CRP)
11. Dr. N. Satheeshkumar, Asst. Professor (Agron.)
12. Dr. P. Hemalatha, Asst. Professor (Horti.)
13. Dr. R. Vigneshwari, Assistant Professor (SS&T)
14. Dr. Sheela Venugopal, Asst. Professor (Agrl. Ento.)

Research

- All the externally or internally funded research projects under various schemes DBT, AICRP, VCS, RFS, NADP, IAMWM and Others are to be numbered properly in accordance with the numbers assigned by the Office of the Directorate of Research, TNAU, Coimbatore. The detailed review report is attached.
- All project leaders should maintain field notebooks, basic records and project file for on-going and completed projects
- Submit completion reports in prescribed formats for those projects that were officially closed. In case the period is lapsed already, the projects required to be extended with specific reasons and closed with a stipulated time period (All Scientists).
- The completed projects must result in publications in peer reviewed national or international journals besides in regional language. As per the instructions of the Vice Chancellor, all the manuscripts that are to be submitted for publications should get number from the Director of Research Office. A set of already published ones (soft and hard copies) need to be given to the DR's office.
- The outcome of the completed projects should be presented in the upcoming crop scientist meet 2019.
- Projects that were found unproductive, inconsistent or irrelevant to the agro-climatic zones were suggested to be closed
- Each scientist should possess at least one research project relevant to the requirement of the agro-climatic zone
- Scientists were strongly suggested to get projects from externally funding agencies and advised to take advantage of **Grantsmanship Workshops** to be organized in the month of March 2019 by the Directorate of Research, TNAU, Coimbatore.

Seed Production

- Bhavanisagar being the major seed production hub, both breeders and seed scientists must bestow utmost care to produce and supply quality seeds. Proper roguing and removal of off-types are to be done periodically to ensure maintenance of genetic purity.
- All records and periodical inspection reports are to be maintained and the same have to be monitored by the HOD.
- Seed Quality Lab carries a set of sophisticated equipments but not properly maintained and used. The pH and EC meters were kept unattended for a long time. Dr. V. Manonmani, Professor (SS&T) is requested set right the lab and action taken may be intimated to the undersigned.

Farms

- Ensure all the fields are properly utilized for conducting experiments or seed production. Ensure a cropping intensity of > 200.
- All the field experiments are to be properly labeled with field boards and labels
- Cropping programme and cropping calendars are to ^{be} maintained and get it approved periodically.
- In order to overcome the labor shortage, HOD is requested to send proposal for hiring contractual labourers and farm mechanization. It is intended to take up a joint Demo between TNAU and TAFE.
- A proposal may be sent for the construction of retention wall and raising of the pump shed in Pungar Block

Administration

- Office records are updated, well maintained and deserve a bountiful of appreciation
- Audit objections relating the pending credit bills with the State Government may be submitted to the Director of Research for onward transmission to the Vice Chancellor to derive solution to unresolved issues

Detailed Review Reports

URP / Externally Funded Projects / VCS / RFS / Core Project / Others

No.	Project Leader	Project No. & Title	Date of Start & Closure	Status	Director of Research / Technical Director
1.	Dr. D. Malarvizhi Asst. Prof. (PBG)	CPBG/BSR/PBG/MAZ/2017/001 Breeder seed production in Maize	Jun 2017 to May 2020	Male parental line UMI 1200 was sown on 31.12.2018 and female line on 08.01.2019. Crop is in vegetative phase	The project may be continued as per the schedule
	Dr. D. Malarvizhi Asst. Prof. (PBG)	CPBG/BSR/PBG/GGR/2016/001 Breeder seed production in green gram, blackgram varieties and evaluation of pre released cultures under multi locational testing	Jun 2016 to May 2021	The production programme was completed and target achieved.	The project may be continued as per the schedule
	Dr.D.Malarvizhi Asst. Prof. (PBG) - PI Dr.A.Thangahemavathy Asst. Prof. (PBG) Dept. of Pulses, TNAU, CBE - CO PI	DBT/CPBG/BSR/PBG/2017/R004 Introgression of Bruchid Resistant Gene(s) from <i>Vigna</i> genotypes into popular Mung bean (<i>Vigna radiata</i> L.) variety through Marker Assisted Backcross Breeding	19.6.2017 to 18.6.2020	Backcross population (BC1F1) raised was on 09.02.2018. Molecular work is in progress.	Study related to seed coat texture need to be carried out using advanced techniques like IR technology
	Dr. D. Malarvizhi, Asst. Prof. (PBG) Dr. R.Vigneshwari Asst. Prof. (SST)	AICRP/STR/BSR/SEP/002 Breeder seed component	Apr 1994 onwards	The production programme was taken up as per the communication given by the Director (CPBG), TNAU, Coimbatore.	The project may be continued as per the schedule

