

## TAMIL NADU AGRICULTURAL UNIVERSITY

Dr.K.S.Subramanian, Ph.D.  
Director of Research

Coimbatore -3

No.DR/P1/MRS, VGI/DR review/2019 dt.17.06.2019

### PROCEEDINGS

A review meeting was conducted at the Maize Research Station, Vagarai under the chairmanship of **Dr. K.S. Subramanian**, Director of Research, TNAU, Coimbatore on **07.06.2019** to assess the progress of work done in various research projects and activities of the station.

The following technical Director and the scientists of MRS, Vagarai attended the review meeting.

#### Technical Director

Dr. K. Prabakar, Director (CPPS)

#### Scientist from Directorate of Research

Dr.K.Sathyamoorthi, Professor (Agronomy)

#### Scientists of MRS, Vagarai

1. Dr. S. Lakshmi Narayanan, Associate Professor and Head, MRS, Vagarai
2. Dr.M.Mohamed Amanullah, Professor (Agronomy)
3. Dr. P.Thukkaiyannan, Assistant Professor (Agronomy)
4. Dr.N.M.Arivudainambi, Assistant Professor (Entomology)
5. Dr.R.Radhajeyalakshmi, Assistant Professor (Plant Pathology)
6. Dr. K.R.V.Sathya Sheela, Assistant Professor (Plant Breeding and Genetics)

All the projects and ongoing activities were reviewed and the remarks are given below for necessary action by all the scientists and staff working at MRS, Vagarai.

#### Research

- Project files, basic records and field note books should be updated and maintained by all the project leaders

- Completion report in prescribed formats for those projects that were officially closed to be submitted for RPAC approval. In case the period is lapsed already, the projects required to be extended with specific reasons and to get it approved and closed in the stipulated time period (All Scientists)
- The completed projects must result in publications in peer reviewed National or International journals besides in regional language. All the manuscripts that are to be submitted for publication should get number from the Directorate of Research.
- Closure proposal for the URP (NRM/VGI/SAC/MAZ/2014/001) Permanent manurial experiment project should be submitted before 31<sup>st</sup> July, 2019 (Dr.Ilayaraja, Associate Professor (SS&AC), WTC, TNAU, Coimbatore)
- The details of UGC funded project on zinc fortification should be submitted to the Directorate of Research before 31<sup>st</sup> July, 2019 (Dr.C.Bharathi, Assistant Professor (SS&AC), Dept. of Agronomy, TNAU, Coimbatore)
- Each Scientist should possess at least one project relevant to the mandate of the Research Station.
- All the Scientists are instructed to propose externally funded projects and publish articles in journals with good impact factor. Dr. Mohamad Amanullah, Prof.(Agron.) is requested to help the Assistant Professors to get the publications done in NAAS > 6 rated journals.

#### **Farm**

- The crops should be raised as per the approved cropping programme.
- Ensure all the fields are properly utilized for conducting experiments or seed production and ensure the cropping intensity of more than 200.
- Farm maintenance is good and complements to Professor and Head and all the staff of MRS, Vagari

#### **Administration**

- Steps to be taken up to drop the pending audit objections.
- Office records are updated, well maintained and deserve appreciation.

**General remarks:**

- Soil mapping for MRS, Vagarai to be done by utilizing the services of Dept. of RS&GIS, TNAU, Coimbatore
- Trainings may be organized for the input dealers in creating awareness on TNAU FAW technologies capsule for proper recommendation to effectively control of Fall Army Worm (FAW). The farmers are to be informed well in advance before the onset of south west monsoon.
- The measures taken for survey of FAW shall be updated in the group activities and reported in the monthly report.
- Posters on important production technologies of Maize and FAW capsule shall be prepared and displayed.
- A demonstration plot on FAW capsule shall be raised along with control for the benefit of the visiting farmers.
- Popularization and supply of maize TNAU hybrid shall be done and efforts may be taken for the timely supply of seeds.
- TV display board shall be installed for which funds may be requested.
- Venture Capital Schemes shall be proposed for the possible projects.
- Fund shall be requested from the University for the arrangement of water facility for drinking and lab purpose.
- Initiate action to function the Automatic Weather Station at MRS, Vagarai.
- The seminar hall shall be painted and the facilities shall be improved. Funds may be requested for the same.

**PROJECTWISE REVIEW REPORT**

**CROP IMPROVEMENT**

**UNIVERSITY RESEARCH PROJECTS**

S.No.	Project No.	Title of the Project	Project Leader (s)	Period	Remarks
1.	CPBG/VGI/PBG/MAZ/2015/001	Development of high yielding single cross maize hybrids suitable for rainfed eco systems.	Dr. K.R.V. Sathya Sheela, Asst. Prof.(PB&G)	Apr.2015 to Mar.2020	New hybrids suitable for rainfed conditions shall be released at the earliest.

**ICAR-AICRP ON MAIZE**

S.No.	Project Number	Title of the Experiment	Scientist In charge	Period	Remarks
1	AICRP/PBG/VGI/MAZ/005 - Breeding	ICAR- AICRP on maize	Dr. K.R.V. Sathya Sheela, Asst. Prof.(PB&G)	2012 to 2020	The project shall be continued

**CROP MANAGEMENT**

S.No.	Project Number	Title of the Experiment	Scientist Incharge	Period	Remarks
1.	DCM/VGI/AGR/MAZ/2017/001	Optimizing the pre emergence herbicide and time of post emergence weed management practice in Irrigated Maize	Dr.P.Thukkaiyannan Asst Professor (Agronomy)	June 2017 to May 2021	The number of treatments shall be minimized and the best molecule under treatment shall be compared with farmers practice. The project shall be sent for midterm correction through DCM in the prescribed proforma
2.	DCM/VGI/AGR/MAZ/2018/001	Influence of detopping on growth, fodder and grain yield of rainfed Maize ( <i>Zea mays</i> L.) <sup>2</sup>	Dr.M.Mohamed Amanullah, Professor (Agronomy)	July 2018 to June 2020	The project shall be continued
3.	DCM/VGI/AGR/MAZ/2018/CP110 (Core project)	Evaluation of drought mitigation strategy and irrigation scheduling to increase irrigation use efficiency and grain yield of Maize	Dr.P.Thukkaiyannan Asst. Professor (Agronomy)	Oct 2018 to March 2019	The effect of PPFM and KCl shall be studied at the critical stages of drought (Anthesis and silking).

**ICAR-AICRP ON MAIZE**

S.No.	Project Number	Title of the Experiment	Scientist Incharge	Period	Remarks
1.	AICRP/PBG/VGI/MAZ/005 – Agronomy	ICAR- AICRP on maize	Dr.P.Thukkaiyannan Asst Professor (Agronomy)	2012 to 2017	The project shall be continued

**CROP PROTECTION**

1.	CPPS/VGI/PAT/MAZ/2 016-001	Management of leaf blight diseases of maize caused by ( <i>Helminthosporium turcicum</i> (Pass) and <i>Bipolaris maydis</i> (Nisik and Miyake).	Dr.R.Radhajeyalakshmi Asst. Professor (Pl.Pathology)	July 2016 To June 2018	Completion report for the project should be submitted immediately. The cultures of the isolates shall be sent to Department of Pathology, TNAU
2.	CPPS/VGI/PAT/MAZ/2 017/001	Management of Maize Banded Leaf and sheath Blight (BLSB) caused by <i>Rhizoctonia solani f.sp. sasakii</i> with biocontrol agents and fungicides	Dr.K. Sethuraman, Professor (Pl.Pathology) / Dr.R.Radhajeyalakshmi Asst. Professor (Pl.Pathology)	July 2017 to June 2020	The project shall be continued

  
Director (CPPS)

  
Director of Research

To

All the University Officers  
All Professor and Heads of Departments, TNAU, Coimbatore  
Prof. & Heads of all Research Stations/ Programme Coordinators, KVKs  
Copy to TPO to Vice-Chancellor, TNAU, Coimbatore