

TAMIL NADU AGRICULTURAL UNIVERSITY

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

Coimbatore -3

No.DR/P1/ARS, VGD/DR review/2019 dt.18.06.2019

PROCEEDINGS

The review meeting was conducted the Agricultural Research Station, Vaigai dam under the chairmanship of **Dr. K. S. Subramanian**, Director of Research, TNAU, Coimbatore on 07.06.2019. The following Technical Director and the scientists of ARS, Vaigai Dam attended the review meeting.

Technical Director

1. Dr. K. Prabakar, Director, CPPS, TNAU, CBE

Scientist from O/o Directorate of Research, TNAU,CBE

1. Dr. K. Sathyamoorthi, Prof. (Agron.)

Scientists of ARS, Vaigai dam

1. Dr. S.Juliet Hepziba, Prof. & Head
2. Dr. G.Mani, Assistant Professor (SS&T)
3. Dr. T.L.Preethi, Assistant Professor (Hort)
4. Dr. M.Jayaramachandran, Assistant Professor (Plant Breeding & Genetics)
5. Dr. Jeyasrinivas , Assistant Professor (Agronomy)

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 ARS, Vaigai dam.

Research

- All scientists should have at least one research University Research Project (URP) as per research station mandate to address farmers need
- A new URP on designer seeds may be proposed by the Seed Technologist in consultation with Department of Nano science and technology(NST), TNAU, Coimbatore. Dr.K. Raja, Assistant Professor (Seed Technology), Department of NST may be contacted for formulating the project.
- A new project for the conversion of dried flowers to fragrance sticks (Uthupathy) and other useful materials may be proposed by Dr.T.L. Preethi, Asst.Prof.(Horti.).
- All the Scientists should propose Externally funded schemes
- The manuscripts that are to be submitted for publication should get number from the Directorate of Research.
- For the completed projects, the closure proposal to be submitted in the prescribed formats for RPAC approval.

Farm

- Maintenance of both the farms is excellent and complements to Professor and Head and all the staff of ARS, Vaigai dam.
- It is also appreciated for the good maintenance of pump house with 75 HP electric motors
- Cropping programme of ARS, Vaigai Dam may be tagged with GIS mapping in consultation with Dr. C.R. Chinnamuthu Professor &Head, Dept. of Agronomy, TNAU, Coimbatore.
- All fields in both the farms need to be utilized properly for conducting experiments or seed production and ensure cropping intensity more than 200.
- The available farm machineries should be maintained in useable condition.

Administration

- Office records are well maintained and deserved appreciation.
- Steps to be taken up to drop the pending audit objections.
- Long time unsettled credit bills may be cleared or condoned following University norms
- Annual accounts to be closed and the same may be sent in time to the Comptroller, TNAU, Coimbatore.

General remarks

- If any proposal pending, regarding conversion of seed to grain may be expedited.
- The performance of CO(M)H 6 Maize hybrid in farmers field should be assessed by tracking the farmers who received seeds and the details of the farmers using station seeds should be recorded for our future reference.
- A multifunctional forest unit may be established at ARS, Vaigai Dam with the help of Dr. Parthiban, Professor & Head, Dept. of Agroforestry, F.C.&R.I, Mettupalayam
- A new landline phone along with good broadband network connection may be installed at ARS, Vaigai Dam by following University norms.
- Possibility of establishing an Automated Weather Station (AWS) at ARS, Vaigai Dam may be explored and same may be installed. Director, Crop Management may be consulted for the establishment of the AWS.

PROJECTWISE REVIEW REPORT

1. University Research Project

No.	Project Leader	Project No. & Title	Date of Start & Closure	Progress of work	Remarks
1.	Dr.M.Jayarama chandran Asst. Prof.(PB&G)	CPBG/VGD/PBG/RIC/2018/001 Breeder Seed Production in Paddy	Oct 2018 to Sep 2021	About 12.00 t of ADT 37 Paddy breeder seeds were produced from 3.7 ha. 0.4 ha of IR 36 Paddy breeder seed crop is in the field.	Project may be continued.
2	Dr.M.Madhan Mohan, Asst. Prof (PB&G)	CPBG/VGD/PBG/RIC/2010/001 : Evolution of rice varieties with improved grain quality	Oct 2010 to Mar 2018	Closure proposal presented before RPAC on 11.02.2019 at TNAU, Coimbatore.	Need Follow up action for getting approval
3	Dr.S.Utharasu, Asst. Prof (PB&G) & Dr.M.Madhan Mohan, Asst. Prof (PB&G)	CPBG/VGD/PBG/BSP/2015/001: Breeder Seed Production of rice varieties	Apr 2015 to Mar 2018	Closure proposal presented before RPAC on 11.02.2019 at TNAU, Coimbatore.	Need Follow up action for getting approval
4	Dr.G.Mani, Asst. Prof (SS&T)	SEED/VGD/SST/GGR/2015/001- Performance evaluation of the primed Green gram seeds under storage conditions	March,2015 to Nov, 2018	Sub-project has been completed and completion report submitted	Completion report not yet received at DR Office. Results of this project may be validated with proper scientific evidences.
5	Dr.R.Jeyasrinivas Asst. Prof (Agr.)	DRES/VGD/AGR/MAZ/2016/001 Studies on pre and post herbicidal weed management in maize hybrid COH(M)6	Jan 2016- May 2018	Sub-project has been completed, completion report submitted	Completion report not yet received at DR Office.

6	Dr.R.Jeyasrinivas Asst. Prof (Agr.)	DCM/TNJ/AGR/2016/001 Oil seed as a component crop in rice based cropping sequence in canal command area	Sep 2016- Aug 2019	Oil seed crops -(Groundnut (CO 6), Black gram (VBN 4), Sesame (VRI 2) and sunflower (TNAU Sunflower Hybrid CO 2) were harvested. Castor (YRCS 1) - periodic harvesting is in progress	May be continued
7	Dr.D.Thirusendura Selvi, AP (SST) – PI Dr.S.Saraswathy, Prof (HORT) – CoPI Dr.G.Mani, AP (SST) – CoPI	SEED/VGD/SST/VEG/2015/002 Mangement practices to improve the seed yield and productivity in small onion cultivar CO (On) 5	May, 2015 to April, 2018	Sub-project has been completed and completion report submitted	Need Follow up action for getting approval
8	Dr.T.L.Preethi Asst. Prof (Hort)-PI Dr.S.Juliet Hepziba, Prof.(PBG) – COPI	Development of high yielding short duration bush type vegetable garden bean (<i>Lablab purpureus</i> var <i>typicus</i>)	April 2019 to March 2022	Presented in RPAC at H.C.&R.I, Coimbatore	Completion report not yet received at DR Office.

2. ICAR partly /fully financed schemes

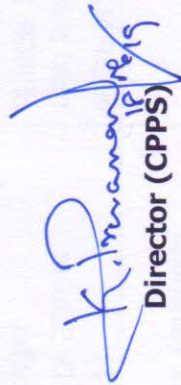
No.	Project Leader	Scheme No. & Title	Date of Start & Closure	Status	Remarks
1.	Dr.M.Jayaramachandran, Asst. Prof.(PBG), (From 27.09.2018 onwards) Dr.S.Juliet Hepziba, Prof.(PBG) & Head	ICAR-RF/ARS ,VGD/2019/D002 Revolving Fund for the Breeder seed production of rice, oilseeds and pulses at ARS, Vaigai dam, initiated with the seed money of ICAR-NSP Crops	1.4.2018 To 31.3.2019	The following quantities of breeder seeds were produced: i.Paddy ADT 45-10.40 t ii. Groundnut CO6 – 4.08 t iii. Greengram VBN(Gg)3 - 0.84 t iv. Blackgram VBN (Bg)4 - 1.35 t	Project may be continued for this year also.
2.	Dr.G.Mani Asst. Prof.(SS&T),	ICAR- MSP/CPBG/VGD/2015/D002 Revolving fund – Foundation and Certified/TFL Seed Production in Agrl. Crops – Initiated with the seed money of ICAR-NSP (Crops) under Special food grain production programme (SFGP)	18.05.2018 to 31.3.2019	(i)ADT 145 Paddy FS was taken up in an area of 2.16 ac and 2340 kg of processed seed has been obtained. (ii) CS production in Maize COHM6 of an area of 2.50 ac was taken up and the crop was harvested. Cob sorting was completed. (iii) FS production of Blackgram VBN (Bg) 8 in an area of 2.60 ac and 697 kg of unprocessed seed has been obtained.	Project may be continued for this year also.

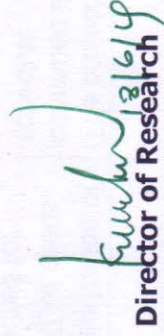
3	<p>Dr. T.L.Preethi Asst. Prof (Hort.) From 03.12.2018 onwards Dr.M.Jayaramachandran, Asst. Prof.(PBG), (From 27.09.2018 onwards)</p>	<p>ICAR- MSP/CPBG/VGD/2015/D001 Revolving Fund for the Seed production in agricultural crops (Horticultural crops) at ARS, Vaigai dam, initiated with the seed money of ICAR-MSP Crops</p>	<p>1.4.2018 To 31.3.2019</p>	<p>Sowing was done as given below: 1.Pumpkin- 0.4 ha, 2. Ash gourd – 0.2 ha 3.Snake gourd- 0.4 ha 4. Bitter gourd – 0.3 ha 5. Onion -0.12 ha Seed yield was Pumpkin 12 kg Ash gourd 11 kg Bitter gourd – 5 kg Snake gourd -15 kg Onion – 9.5 kg 1650 seed nuts were sown in the nursery for germination after curing. 110 coconut seedlings were kept ready for sale</p>	<p>Project may be continued for this year also.</p>
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3. Externally funded schemes:

No.	Project Leader	Scheme No. & Title	Project period	Status	Remarks
1.	CO PI Dr.R.Jeyasrinivas	TN-IAMP .Tamil Nadu Irrigated Agriculture and Modernization Project (TN-IAMP) (IAMWARM II) Phase I	2017-2023	73 Demonstrations on GM- SRI was conducted in farmers field of Genguvarpatty and M.Vadipatty. Fourteen villages were selected and created awareness on Pesticide Free Vegetable cultivation.	The project may be continued as per schedule
2	PI – Dr.D.Thirusenduraselvi CO-PI- Dr.S. Juliet Hepziba Dr.S. Kanchana	DST/SC/VGD/SST/2016/ T 001. GOI-DST-NRDMS-MILLET Scheme E 28 AAW	2016-2019	Demonstrations and off-campus trainings were conducted on popularization of Barnyard and Little Millets.	The project may be continued as per schedule
3	CO-PI Dr. Dr.S.Juliet Hepziba, Dr.M.Madhan Mohan & Dr.G.Mani	NADP-M28-DC .Farmers' participatory seed production and popularization of MGR 100 Rice in Tamil Nadu	2018 -2019	Under popularization of CO 52, 1780 kg seeds were distributed for taking up sowing in 35.6 ha to 52 farmers. Under Demonstration, 500 kg of seeds and fertilizers were distributed to 10 farmers	The project may be continued as per schedule

				Field day was conducted involving 100 farmers at Vadugapatti on 01.03.2019. A total of 26.04t of seeds were procured from the farmers
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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