

# PROCEEDINGS OF THE 12<sup>TH</sup> MEETING OF REGIONAL RESEARCH ADVISORY COMMITTEE (RRAC) OF REGIONAL SERICULTURAL RESEARCH STATION (RSRS), KORAPUT HELD ON 07.09.2011

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The 12<sup>th</sup> Meeting of Regional Research Advisory Committee (RRAC) of RSRS Koraput was convened on 07.09.2011 at 10.30 A.M at the premises of RSRS, Koraput under the Chairmanship of Dr.B.B.Dash, Associate Director of Research, RRTTS, O.U.A.T., Govt. of Odisha Semiliguda, Dist-Koraput (Odisha), Sri R. Sahu, Scientist – D (I/C) & Member Convener, RRAC welcomed the Chairman, The Director (CSR&TI, Berhampore), members and invitees in the meeting.

## **The list of participants in the meeting is enclosed as Annexure – I.**

At the outset, the In-charge of the station narrated the mandate and on going research project & programme of the station. Thereafter, he requested the Chairman to take up the Agenda points for discussion.

### **Item No. 1: Confirmation of the minutes of 11<sup>th</sup> RRAC meeting of RSRS Koraput held on 22.11.2010:**

A copy of the meeting minutes of the 11<sup>th</sup> RRAC meeting was circulated among the members. Since no comment was received from any of the members, the proceeding of the 11<sup>th</sup> RRAC meeting was confirmed.

### **Item No. 2: Review of progress made *vis-à-vis* the recommendation of the 11<sup>th</sup> RRAC meeting:**

**Point No.1 & 2: Vermicompost:** Shri Bhagirathi Mohanta, Asst. Director of Sericulture (ADS), Govt. of Odisha informed the house that 66 units in Kashipur block and 20 units in Lamtaput block have been constructed for production of vermicompost. Out of that 20 units from Kashipur block and 4 units in Lamtaput Block were fitted with wire mesh to curb the rat menace. Also a proposals for establishment of 24 new vermicompost units have been sent to DOT, Odisha for allocation of funds.

**[Action: DOT Odisha / ADS Koraput]**

**Point No. 3: Institute Village Linkage Programme (IVLP) –** Regarding replacement of IVLP farmers of Lukumari and Bhanjapadar areas of Dasmanthpur block by Chhotaguda and Bayaput farmers the Director ,CSR&TI, Berhampore sought the reason for the negligence in the part of the farmers. The Assistant Director of Sericulture, Koraput explained before the house that the fall in cocoon rates during the period as the reason for negligence. In this context, Director told the participants to ensure the supply of Chawki worms during the rearing as 60% of success depends upon by which interest can be maintained among the farmers.

**[Action: DoT&H, Odisha / ADS, Koraput]**

**Point No. 4: Testing of New silkworm hybrids:** As per decision to continue the popularization of new silkworm hybrids viz. M6DP(C) x (SK6 x SK7) , BC1 x BC4 and SK6 x SK7 at farmers level, the Scientist-D (I/C), RSRS, Koraput appraised the house that the new hybrids are being reared at selected farmers fields , MDFs and at RSRS farm. The average cocoon yield recorded was M6DP(C) x (SK6 x SK7) is 46.6 kg/100 dfls and SK6 x SK7 is 55.2kg/100 dfls and BC1 x BC4 is 53.2 kg/ 100 Dfls. The Director informed the house that, as SK6 x SK7 is acclimatized to the climate of the area, it can also be used as a commercial crop due to its hybrid vigor besides using as a seed crop .

**[Action: ADS, Koraput and RSRS, Koraput]**

**Point No. 8: Popularization of use of bio-fertilizers and intercrop:** The In-charge RSRS, Koraput informed the house that bio-fertilizers (Nitrofert @ 1.33 kg / ac / crop and Phosphofert @ 16 kg / ac once in 4 years ) are being supplied to the IVLP farmers (40 Nos.) by the RSRS, Koraput and the impact found encouraging . With regard to intercropping with legumes the Chairman expressed that the legume plants for nitrogen fixation should be mulched before fruiting as fruiting consumes 80% of available nitrogen. Popularization of use of Bio-fertilizer was found effective and needs to be continued.

**[Action: DoT&H, Odisha, RSRS, Koraput and REC, Deogarh & Singanpur]**

**Point No. 9: Mass disinfection programme:** As per decisions of the 11<sup>th</sup> RRAC the disinfection programme was conducted at farmers level with 5% Bleaching powder. Sri B. Mohanta, ADS, Koraput explained the house that 186 nos of rearing house were disinfected by the Technical staff. The Director, CSR&TI, Berhampore suggested to use Serichlore and Sanitech also for the purpose as it is found effective.

**[Action: DOT&H, ODISHA, RSRS, Koraput and REC, Deogarh & Singhanpur]**

**Item No. 3: Review of progress of On-going Research projects and programmes:** Progress of ongoing research projects, programmes and activities of RSRS Koraput during the year 2011-12 was reviewed and found the progress as per the mile stone.

- As per decision of the last RRAC, the data of different mulberry pests and diseases are being taken by RSRS, Koraput as per guide lines of the approved projects. The Director desired to produce the data for the knowledge of the RRAC members for discussion .
- **Validation of technology pertaining to Sulphur to augment mulberry production in Sulphur deficient soil.** Sri Prabin Jakhar, Agronomist wanted to know about the use of Ammonium Sulphate in the hilly areas of Koraput region where the soils are mostly acidic. The Chairman appraised that the application of Ammonium Sulphate is recommended for submersible lands where the soil is found alkaline.
- **Demonstration of silkworm crop protection measures with Sericillin .** The Director stated that other bed disinfectants like 'Vijetha' may also be popularized as it is a board spectrum bed disinfectant.
- **Testing of newly developed silkworm races:** The Director reiterated that SK6 x SK7 the newly developed Bivoltine Hybrid used for Bivoltine male component in the grainage of West Bengal can also be used for commercial rearing because it has hybrid vigor for resistance against climatological Vagaries.

**[Action: RSRS, Koraput]**

- The Director of CSR&TI, Berhampore suggested the scientists of this station to formulate a soil based project/ programme on the need/demand of their respective area. The Chairman and member from CSWCR&TI, Sri Prabin Jhakar, Agronomist expressed their full co-operation in formulation of above as and when the research station needs. The Director, CSR&TI, Berhampore suggested to Sri S.K.Misro, Scientist – C of the station to initiate action immediately.

**[Action: Sri S.K.Misro, Scientist – C, RSRS, Koraput]**

**Item No.4: Review of work of REC, Deogarh:** Shri D. P. Das Mohapatra, Scientist-C, In-charge, REC, Deogarh appraised the activities of the centre and the progress was found as per the Action Plan 2011-12. Regarding shifting of REC, Deogarh to

Keonjhar, the continuance of the REC, Deogarh, at Deogarh itself was felt necessary and feasible keeping in view the importance of Sericulture in Deogarh area.

[Action: REC, Deogarh/ RSRS, Koraput]

**Item No.6:** Any other points:

\* **Use of paper mill sludge to neutralize the acidic soils of the mulberry field:** The Chairman suggested that the paper mill sludge should be added to only acidic soils (below 5.5 pH) and sufficient time interval may be allowed between Biofertilizer application and paper sludge application. The paper sludge is to be line placed instead of broadcasting.

[Action: All ADSs / RSRS, Koraput / REC, Deogarh / REC, Singanpur]

\*\* Dr. B.B. Bindroo, Director ,CSR&TI, Berhampore expressed his thanks to all the participants and **stood** confident that the sericulture Industry in the state of Odisha and Chhattisgarh will definitely go head under the scientific guidance of Dr.B.B.Dash and other scientists / members of the committee. He also suggested to invitee the Zonal ADSs of Deogarh, Keonjhar , Chandragiri and of area related to Singanpur.

\*\*\* The farmer representative Sri Mastaram Jhadia informed the house that the cocoon purchases are being made at Serifed, Sunabeda, so the farmers are not able to know the costing of the cocoons. Hence, he requested the house to arrange for purchase of cocoon at the door step of the farmers as during transportation cocoons damage often occurs for which they use to receive less price. The Chairman commented that the matter may please be brought to the notice of Managing Director, SERIFED and Director of Textiles , Govt. of Odisha, Bhubaneswar.

[Action: ADS, Koraput & DOT&H, Odisha]

\*\*\*\* In the purview of RFD as already set for the RSRS, the Director, CSR&TI, Berhampore impressed upon the Scientists to formulate and submit the need based projects for execution forthwith. Development and standardization of the package of practices for both mulberry cultivation and silkworm rearing suited to Odisha condition are required to dealt.

[Action: RSRS, Koraput]

The Chairman thanked all the members and participants for rendering their sincere efforts on mulberry sericulture development in the state of Odisha and Chhattisgarh . He appealed to all the participants ,that our motto should be soil test based farming so that the farmers will get the real benefit .which will lead to the improvement of their socio-economic condition.

The next Meeting of RRAC will be fixed in consultation with the Chairman and Director, CSR&TI, Berhampore before RAC meeting.

Meeting ended with vote of thanks to the Chair.

Member Convener  
RRAC of RSRS, Koraput

Submitted for approval

(Dr. Bibhuti Bhusan Dash)  
Chairman  
RRAC of RSRS, CSB, Koraput

**ANNEXURE – I**

**LIST OF PARTICIPANTS OF 12<sup>th</sup> RRAC MEETING OF  
RSRS, KORAPUT HELD ON 07.09.2011**

SL NO	NAME	DESIGNATION
01.	Dr. Bibhuti Bhusan Dash	Chairman Associate Director of Research RRTTS, OUAT, Government of Odisha
02	Dr. B.B.Bindroo	Member Director CSR&TI, Central Silk Board, Berhampore(W.B.)
03	Smt. Pravamayee Acharjya	Member Project Coordinator, Extension Science, Krishi Vigyan Kendra, Semiliguda
04	Shri Praveen Jakhar	Member Scientist(Agronomy) Central Soil & Water Conservation Research & Training Institution, ICAR, Sunabeda, Dist: Koraput (Odisha)
05	Shri Bhagirathi Mohanta	Member Assistant Director of Sericulture, Govt. of Odisha, Koraput
06	Shri Mastaram Jhadia	Member Rearer
07	Shri Rushi Sahu	Member Convener Scientist-D (I/C), R.S.R.S., Central Silk Board, Koraput
08	Shri Das Mohapatra	Invitee Scientist-C, Research Extension Centre, Central Silk Board, Deogarh (Odisha)
09	Shri K.B. Chauhan	Invitee Scientist-C, Research Extension Centre, Central Silk Board, Singanpur (Chhattisgarh)
10	Dr. K.M. Purohit	Scientist-C, Research Extension Centre, Central Silk Board, Deogarh (Odisha)
11	Dr. N.R. Rao	Scientist-C R.S.R.S., Central Silk Board, Koraput
12	Shri S.K. Misro	Scientist-C, R.S.R.S., Central Silk Board, Koraput