



CENTRAL SILK BOARD BENGALURU – 560 068

MINUTES OF THE XXV MEETING OF HYBRID AUTHORISATION COMMITTEE (HAC) HELD ON 11.11.2022 AT CSB, BENGALURU

The XXV meeting of the Hybrid Authorization Committee (HAC) was convened at Central Silk Board, Bengaluru on 11.11.2022 and in the absence of the Chairperson, Dr. B. T. Sreenivasa, Director (Tech) chaired the meeting. The list of participants is placed at *Annexure-I*. The Committee discussed the following Agenda items and the decisions taken are detailed below.

ITEM NO.1: CONFIRMATION OF THE MINUTES OF THE XXIV MEETING OF THE HYBRID AUTHORIZATION COMMITTEE HELD AT CENTRAL SILK BOARD, BENGALURU ON 27.05.2022

As no comments were received, the committee confirmed the minutes of the XXIV meeting of HAC held on 27.05.2022.

ITEM NO. 3: REVIEW OF THE PROGRESS OF THE AUTHORIZATION TRIALS BEING CARRIED OUT BY THE INSTITUTES

MV1X S8: As against the target of 55000 Dfls, only 7250 Dfls were field tested as on November, 2022. The non fulfilling of the set targets even after repeated extension of the time line was viewed seriously by the committee and as requested by the Institute, the timeline was once again extended till March, 2023 with an advice to complete the field trials. The committee decided that the P₁ seed crop rearing to be taken care by NSSO for which institute should supply P₁ seed. However, the hybrid dfls supply to the farmers should be taken care by CSRTI, Mysuru only.

**Action: Director, CSRTI, Mysuru &
Director, NSSO, Bengaluru**

G11 X G19: CSRTI-Mysore could not take effective popularization of the hybrid in the field especially in Kolar. The issue of alternative double hybrid for the region/ country is discussed in detail. Since G11 x G19 is already tested with 5 lakh dfls during the Authorization trials, the same could be brought under multiplication channel for which detailed discussions with all

concerned is necessary. Accordingly, a meeting may be arranged with concerned CSB units and DoSs along with subject experts by January 2023.

Action: Director, CSRTI, Mysuru & Director, NSSO, Bengaluru

TT21 x TT56: Though the hybrid is performing well, poor coordination from the Institute was observed and insufficient cocoon sample lots were collected / submitted for reeling analysis which is viewed seriously. It is the prime responsibility of the concerned investigators / scientists to keep track of supply of the seed up to marketing and should get in touch with the farmers for collection of feedback / data besides the cocoon samples. Institute should also get in touch with the collaborating Institutes for supply of hybrid dfls to Eastern /NE states and Northern States effectively. In Eastern & NE states and Northern & NW Indian states seasonal crops are practiced, hence the Institutes to Indent the dfls well in advance (i.e.,10 months in advance). Further, with regard to taking up of P1 seed crop, Institute to get in touch with the concerned SSPC & NSSO HQs (minimum of 4 months in advance).

Action: CSRTI-Mysore/Berhampore/Pampore & NSSO-Bengaluru

S8 x CSR16: Popularization of single hybrid, S8 x CSR16 was discussed in detail and very poor attempt by the Institute leading to non-fulfilling of the targets was observed. House advised to continue the programme in association with NSSO.

Action: Director, CSRTI, Mysuru & NSSO, Bengaluru

As the rearing / maintenance of parental eri rearing is difficult during summer season, possibility of maintenance of the eri breeding lines paralally at ESSPC, Hosur may be explored for effective maintenance of the eri breeding lines.

Action: Director, CMERTI, Lahdoigarh

Owing to the better performance of the improved cross breed 12Y X BFC1 (50.26Kg/100 Dfls) over the authorized hybrid M6DPC x (SK6.7) (47.96Kg/100 Dfls), house advised to popularize the better performing ICB in the field.

Action: CSRTI-Berhampore & NSSO, Bengaluru

BDR-10 and CTR-14: As reported by the Institute, line CTR-14 is vanished and not showing any improvement in performance. Institute to undertake improvement of CTR-14 maintained at REC, Seoni-Champa and accordingly action plan may be drawn. Further better line BDR-10 may be taken forward and the performance of BDR-10 in BSMTCS may be presented in next meeting. Institute shall also undertake breeding programme on development of new productive line.

Action: Director, CTRTI, Ranchi

CMR-1 & CMR-2 : MLT of the breeds to be continued for one more year and season wise data to be presented. Further, to have a clarity, report on the pedigree of the breeds and its development may be submitted to CSB by 31.12.2022.

GBS x GBZ and YP x GBZ: The performance of the hybrids is at par with C2 Breed and in some cases it is low. Institute to submit report on the pedigree of the breeds and its development may be submitted to CSB by 31.12.2022. Further, MLT may be continued for one year and season wise data to be collected and presented in next meeting.

Action: Director, CMERTI, Lahdoigarh

ITEM No.04: REVIEW OF THE PROGRESS OF NON MULBERRY SILKWORM RACE AUTHORIZATION PROGRAMMES

Nil

ITEM No.05: CONSIDERATION OF NEW HYBRIDS PROPOSED FOR AUTHORIZATION TRIALS

Nil

ITEM No.06: ANY OTHER SUBJECT WITH THE PERMISSION OF THE CHAIR

The committee felt that induction of three expert members/breeders in the HAC for meaningful discussions/deliberations.

Action: Scientist-D, RCS, CSB, Bengaluru

The cocoon samples received for cocoon testing from CSRTI, Pampore are over dried. Accordingly the committee suggested providing optimum cocoon drying schedule to CSRTI, Pampore, which needs to be followed in future. Also CSTRI to suggest nearby units to support the reeling analysis for the cocoon samples of CSRTI-Pampore. Further few samples (Properly stifled) must be evaluated at CSTRI-Bengaluru.

Action: In-charge Officer, CSRTI, Pampore & CSTRI, CSB, Bengaluru

The meeting with vote of thanks extended to the chair.

Date: 24.11.2022
Place: Bengaluru


Dr. B.T Sreenivasa
Director (Tech)
CSB, Bengaluru-68

Annexure-I

**LIST OF PARTICIPANTS IN THE XXV MEETING OF HAC HELD ON 11.11.2022 AT
CSB, BENGALURU**

1. Dr. B. T. Sreenivasa, Director (Tech), CSB, Bengaluru
2. Dr. Kishore Kumar, Director, CSRTI, Berhampore
3. Dr. Mary Josepha Sherry, Scientist-D & Officer In-charge, CSRTI, Mysuru
4. Dr. Sardar Singh, Scientist-D & In-charge Officer, CSRTI, Pampore (Online)
5. Dr. K. Sthyanarayana, Director, CTRTI, Ranchi
6. Dr. K. M. Vijayakumari, Director, CMERTI, Lahdoigarh
7. Dr. K. K. Sharmila, Scientist-D & Officer In-charge, NSSO, CSB, Bengaluru
8. Dr. Maheswari, Scientist-D, CSGRC, Hosur
9. Shri Jagannathan, Scientist-D, CSTRI, Bengaluru
10. Dr. Kariyappa, Scientist-D, CSTRI, Bengaluru
11. Dr. K. B. Chandrasekhar, Scientist-D, CSRTI, Mysuru
12. Dr. Manthira Moorthy, Scientist-D & Head, RCS, CSB, Bengaluru
13. Shri V. K. Harlapur, Scientist-D, NSSO, CSB, Bengaluru
14. Shri V. Babu, Deputy Director (Seed), DOS, Hosur, Tamil Nadu
15. Shri Shankar B N, AD, DOS, Karnataka (Cocoon Market, Attibele)
16. Dr. Madhusudhan, Scientist-D, CSRTI, Mysuru
17. Dr. K. P. Arunkumar, Scientist-C, CMERTI, Lahdoigarh

Board Secretariat:

1. Dr. Rahmathullah, Scientist-D, Seed Section, CSB, Bengaluru
2. Dr. Aftab Ahmad Shabnam, Scientist-D, CMERTI, Lahdoigarh
3. Shri S. Nazeer Ahmed Saheb, Scientist-D, CSB, Bengaluru
4. Dr. Prashanth A Sangannavar, Scientist-C, CSB, Bengaluru
5. Dr. Manjunatha G R, Scientist-C, CSB, Bengaluru
6. Dr. Halagunde Gowda, Scientist-D, Statistics Section, CSB, Bengaluru