

## Sericulture - Major Achievements (2014-17)

---

- **Silk Production Growth:** Annual Silk production in the country during 2015-16 was 28,523 MTs compared to 28,708 MTs during 2014-15. During the current year 2016-17 silk production in the country is 30265 MTs
- **Import substitution:** Bivoltine Silk production in the country during 2015-16 has reached to 4,613 MTs compared to 3,870 MTs during 2014-15 showing an increase of 19.2% over the previous year. During the current year 2016-17 Bivoltine silk production in the country is 5205 MTs, shown an increase of 13 %
- **Vanya Silks:** Vanya Silk production (Tasar, Muga and Eri – exclusive silk of India) has reached to 8,045 MTs compared to 7,318 MTs during 2014-15 showing an increase of about 10% over the previous year. During the current year 2016-17 silk production in the country is 9060 MTs increase of 13 % from previous year.
- **Productive Employment:** Increase in silk production from 28,708 MT during 2014-15 to 28523 during 2015-16 has resulted increase of employment from 8.03 million during 2014-15 to 8.25 million during 2015-16. However, estimated employment generation during 2016-17 is 9.20 million (for domestic production of 30265 MT raw silk plus 3125 MT of imported raw silk).
- **Research and Development:** 15 mulberry varieties and 25 silkworm breeds developed. Due to R&D intervention, raw silk yield per Hectare has increased to 100 Kgs in 2016-17 as compared to 98 kg during 2015-16.
- **Infrastructure Development:** A state of the Art cold storage unit capable of storing 1.3 crore layings has been established in Mysore. This was inaugurated by the Hon'ble Minister of State for Textiles on 9<sup>th</sup> February 2015.
- **Make in India:** 35 imported Automatic Reeling Units established to produce quality silk yarn. Indigenous Automatic Reeling Unit has been developed to produce international quality silk which is ready for commercialization. The indigenous machine has been launched by the Hon'ble Minister of Textiles on 20<sup>th</sup> December 2016 at Bangalore.
- **Improved machine for Vanya silk reeling:** The Central Silk Board popularizing 9 improved reeling and spinning machines suitable for Vanya silk reeling to replace traditional primitive reeling practices. One such machine is Buniyaad Silk Reeling machine which is being popularized to replace thigh reeling. This machine was launched on 08-03-2017 at 5 places (New Delhi, Bhagalpur, Champa, Keonjhar and Nagpur) on the occasion of International Women's Day.
- **Skill Enhancement:** The R&D units of Central Silk Board have trained 14000 persons in different viable sericulture activities and skill sets covering all sectors of sericulture during 2015-16 and 14779 so far during the year 2016-17. **A state of the Art Centre of Excellence for training** has been established at Bangalore with class room and laboratory facilities for practical training. This was inaugurated by the the Hon'ble Minister of Textiles on 20<sup>th</sup> December 2016 at Bangalore

### I.T. Initiatives:

- **Application of Space Technology:** SILKS (Sericulture Information Linkages and Knowledge System) Portal- Central Silk Board won the National e-governance Silver Award-2014-15 for its project on 'Application of remote sensing and GIS technology in sericulture development' by Department of administrative reforms and public grievances

(DAR&PG). The portal has helped identify potential sericulture areas for horizontal expansion in 24 states covering 108 districts. The project in its second phase will cover 70 more districts. Central Silk Board in collaboration with the North Eastern Space Application Centre (NESAC), Umiam, Meghalaya has taken up Second phase of RS&GIS project at a total cost of Rs 210.00 lakhs in 70 more potential districts in the 24 Sericulture States including NE region for sericulture expansion/development. NESAC has initiated the Second phase of the RS&GIS project and the project activities are underway. **Received National e-Governance Award on “Application of remote sensing and GIS technology in Sericulture.**

- **“SMS Service”** through mKisan portal for sending SMSs to the farmers in local languages

#### **Projects launched:**

- **Integrated Scheme for the development of silk industry:** The ongoing plan scheme viz Integrated Scheme for the Development of silk industry is being continued. Allocation of Rs 178.10 crores allocated for the scheme during 2015-16 has been fully utilised. An amount of Rs 160.50 Cr has been allocated for the year 2016-17. A statement indicating the achievements under Central Sector Scheme during last three years is attached.
- **North Eastern Region Textile Promotion Scheme:** For development of sericulture in the North East, 24 projects under two major categories, viz., Integrated Sericulture Development Project and Intensive Bivoltine Sericulture Development Project have been approved for implementation in 8 NE States at a total cost of Rs.820.78 crores, of which GOI share is Rs.691.59 crore covering 33,550 families. The project will result in production of 2000 MT of silk during the project period and 1000 MTs per annum after the project period.
- **MORD assisted Mahila Kisan Sashaktikaran Pariyojana (MKSP):** Central Silk Board (CSB) and the Ministry of Rural Development (MoRD) have supported Projects under Mahila Kisan Sashaktikaran Pariyojana (MKSP) for tasar development in the States of Jharkhand, Odisha, West Bengal and Chhattisgarh in coordination with PRADAN, in Maharashtra coordination with BAIF, Pune, in Andhra Pradesh & Telangana in coordination with SERP & Kovel and in Bihar in coordination with BRLPS & PRADAN. The projects propose to create over 36,000 sustainable livelihoods for the women in selected 23 districts of 8 states with a project grant of Rs. 71.61 crores shared by MoRD and CSB at 75:25 ratio starting October 2013, till March 2018.
- **Integrated "SOIL TO SILK Project ":** Sericulture being practiced mostly by women and weaker section of the society, which gives regular income consists of pre and post cocoon activities, in order to create forward and backward links at one place, CSB is establishing two “Soil to Silk” projects one Tasar Project in Janjgir - Champa District of Chhattisgarh and one Eri under NERTPS in Udalguri District of Bodoland Territorial Council (BTC).

- **Collaborative Research Projects with Japan, Uzbekistan, Australia, Bulgaria, China, Romania for sustainable growth of silk industry:** Improvement in productivity and quality of silk largely depends on genetic potential of silkworm genetic resources. As the genetic resources in India have already been exploited to the possible extent and the productivity potential has reached a plateau, there is little scope for further improvement in silk productivity and quality with the available genetic resources. Therefore, new silkworm breeds with high productivity, quality, silk ratio and survivability in adverse conditions along with adoption of modern biotechnological tools are essential to boost the breeding programmes. Thus, efforts are to be made to procure better silkworm breeds with desired traits from other sericulture practicing countries like Japan, China, Bulgaria, Uzbekistan and Brazil.
  
- **Mysore mega Cluster for to create infrastructure & common facility for silk weaving and processing activities:** In order to create infrastructure & common facility for silk weaving and processing for the entire silk value chain activities, CSB with the coordination of Karnataka State Textile Infrastructure Development Corporation Ltd., appointed as the project implementing agency, has established a Mega Silk Cluster at Belwadi in Mysuru – Karnataka in 10 acres of land. Foundation Stone laid by the Hon'ble Minister of State for Textiles on 17-11-2015.
  
- **Seri Tourism to attract Tourist on Silk Industry:** Creating Tourism Corridors is one of main objective of Govt. of India so as to create more awareness among the tourists and entrepreneurs. Sericulture being one of the sector providing more livelihood to poor's specially to the weaker section of the society, which generates regular income, CSB in coordination with States has created Seri-tourism corridors in Paithan-Aurangabad in Maharashtra, Bangalore-Mysore -Karnataka and Yercaud in Tamil Nadu.
  
- **Empowerment of Women through Sericulture workshop organized to encourage Women under “Sab-Ka-Sath Sab-ka-Vikas”**

  - i. A workshop on Empowering Women through sericulture was organized on 17th September 2014 at New Delhi, wherein 54 women sericulture farmers from 27 states have been awarded by the Hon'ble Union Minister for State for Textiles for their noteworthy contributions in sericulture.
  - ii. 54 Sericulture farmers / reelers from 27 states have been honored for their innovative contributions for the development of sericulture sector by the Hon'ble Union Minister for Textiles during the workshop held on 17th and 18th November 2015 at Central Sericultural Research and Training Institute, Mysore.
  - iii. In order to recognize and to motivate the employees of Central Silk Board, 15 best performers in various categories in various fields have been honored by the Hon'ble Union Minister of Textiles during the function held at CSB complex, Bengaluru on 20th December, 2016.

- **Stake Holders meet:** Two meetings with the stake holders of silk industry has been convened by HMOT on 20-12-2016 at Bangalore and on 10-02-2017 at New Delhi to know the problems faced by the stake holders and suggestions to address the issues that are hampering the growth of silk industry.
- Developed “**Chanderi Silk Sarees**” under Brand Promotion: CSB has taken all possible steps to popularize the Chanderi Silks, which is referred to as ‘woven air’ because of their transparency and the sheer texture of the fabric. The sarees owe this quality to the high-quality and extra fine yarns that are used in weaving the Chanderi fabric. The yarn used to weave Chanderi fabric doesn’t go through the degumming process to prevent breakage during weaving, giving the fabric its unique shine and texture.
- **Organized a Silk Mark Expo at ISC at Thailand under generic promotion:** ISC is the only international organization dealing with sericulture and silk industry. The Commission organizes various global meetings for the benefit of the sericulture and silk industry. It offers an exclusive opportunity for international scientists, universities, faculty & students of Institutions of research in mulberry and non-mulberry silkworms, host-plants, post-cocoon technology, bio-technology, sericulture management & economies, post-yarn sectors, silk trade, processing, promotion, marketing, etc., including those in silk and silk related businesses to interact, share and exchange the most recent advancements in their fields. The 24<sup>th</sup> ISC Congress held on 10<sup>th</sup> to 14<sup>th</sup> August, 2016 at Bangkok at Thailand.
- **Implementation of Unified Payment Interface (UPI):** Massive Reforms of “Re-monetization” by the Govt. of India has been a breaking point fighting against black money, counterfeit currency, drugs and terrorism in the history of India. In order to sensitize in each of the units run by the Textile Ministry to make payments seamlessly without hindering the daily activities, and as directed by the Ministry, Central Silk Board has initiated all the Dept. of Sericulture in States (DOSs), CSB’s Research Institutes and attached sub units to hold Camps for its workers and employees to sensitize “Unified Payments Interface” (UPI).

Under the UPI Programme, as on 30th March, 2017 a total of 9,51,000 Stakeholders have been sensitized under the programme through 4887 Camps in various parts of the country.

--=: xox :=-