



**Central Silk Board
(Ministry of Textiles, Govt. of India)**

Introduction:

Central Silk Board, constituted in April, 1949, by an Act of Parliament (Act No.LXI of 1948), is a statutory body under the Ministry of Textiles, established for the development of sericulture and silk industry in the country as a whole has been implementing a Centrally Sponsored Scheme viz., Catalytic Development Programme (CDP), which is flagship Scheme of the Ministry of Textiles, Govt. of India.

Catalytic Development Programme during XII Plan

As a part of its developmental initiatives, Central Silk Board has been implementing Catalytic Development Programme (CDP), as a Centrally Sponsored Scheme from IX Plan period with periodic appraisals, modifications and additional inputs / components, in association with concerned State Sericulture Departments and other implementing agencies to supplement their efforts in achieving the goals set for the Plan periods. Catalytic Development Programme (CDP) is the flagship scheme of CSB, Ministry of Textiles, for sustaining all round development of sericulture and silk industry in the country, and has been an important tool for effective transfer and adoption of improved technology packages developed by the research institutes of CSB at the field level, through Five Year Plans. The scheme consists of various components and sub-components for promotion of all the four varieties of silk in the country i.e., Mulberry, Tasar, Eri and Muga sectors. During XII Plan, the CDP has been redesigned to meet the sectoral requirements, and to ensure that the sector grows at a healthy pace. While some of the existing components of CDP have been deepened / modified by taking up certain additional inputs / sub-components, certain new interventions have also been proposed in order to meet the zonal requirements. Basically, CDP comprises 3 major sectors, viz. (a) Mulberry Sector; (b) Vanya Sector, and, (c) Post Cocoon Sector. These 3 major sectors are supported by Support Service components. Most of the components are meant for beneficiaries, while a few are for State Govts., towards infrastructure development at State level. The Scheme has been approved for implementation with a total project cost of Rs.1,852.36 crores of which the Gol share is Rs.889.00 crore, State share is Rs.426.87 crore and balance Rs.536.49 crore is beneficiary share.

Brief write-up on each of the components under CDP is as follows:

I Mulberry Sector

The component-wise objectives / description under the mulberry seed and cocoon sectors is as follows :-

A. Seed sector

1. Franchise disinfection programme of NSSO.

The Franchisee CRCs of NSSO will supply chawki worms to farmers ensuring high productivity. The commercial farmers covered under this programme are required to disinfect their rearing house before supply of chawki worms for ensuring crop stability and success. Seri polyclinics will be attached to the Franchisee CRC units to undertake the disinfection work. Each polyclinic will be provided with a power sprayer and a two / three wheelers for conducting the disinfection of rearing houses in their command areas. The cost of disinfectants should be borne by the farmers. The cost will be @ Rs.1.10 lakh per unit. The component is proposed to be implemented with the 100% assistance by CSB.

2. Support to construct rearing houses for Adopted Seed Rearers (ASRs) of NSSO.

Under this component adopted Seed rearers of NSSO will be supported for constructing specially designed small rearing houses @ Rs.1.20 to 3.00 lakh per unit. The sharing pattern will be 50:50 by Gol and beneficiaries.

3. Revolving Capital fund support for State Grainages and RSPs.

One time Working capital support will be provided to State and Private grainages. Assistance @ Rs.1.35 to 5.00 lakhs per grainage based on production capacity in different zones shall be extended with a sharing pattern of 50:50 to be shared by CSB & State.

4. Assistance for purchasing seed testing equipments for State grainages and private RSPs.

In order to establish seed testing facility in the grainages, assistance will be provided for modernizing/developing seed testing labs, procuring equipments, etc. @ 1.75 lakh per grainage. The sharing pattern for State grainages would be 50:50 between Gol and State, and for Private grainages, the sharing pattern would be 40:40:20 between Gol, State & Beneficiary

5. Support to strengthen Basic Seed Farms of States.

The Seed Act prescribes for adhering to certain quality norms in seed farms for ensuring disease freeness in the next multiplication level. Hence, under the component it is proposed to strengthen the facilities at State seed farms @ Rs.5.00 lakh per seed farm with a sharing pattern of 50:50 between Gol and State. The government basic seed farms will be covered under the component.

6. Support to upgrade State and private commercial seed production units.

It is proposed to support the State and private grainages to up-grade their facilities to produce seed in conformity with the quality norms prescribed under the CSB (Amendment) Act 2006. The assistance will be for up-gradation of infrastructure, procurement of equipments etc. Support will be @ Rs.3.50 lakh per grainage. The sharing pattern for private grainages would be 40:40:20 between CSB, State and Pvt. Grainages, and for State grainages, the sharing pattern would be 50:50 between CSB and State.

Cocoon Sector (For Bivoltine & ICB only)

1. Support for Mulberry plantation development.

The component supports raising of Mulberry bush as well as tree plantation with a unit cost of Rs.14,000/- per acre involving inputs such as chemical fertilizers, farm yard manure, pesticides, etc. The assistance will be provided to raise new Mulberry bush plantations or for replacement of old Mulberry varieties with new varieties aimed at production of Bivoltine and ICB silks only. In respect of tree plantation, the assistance will depend upon the nature of plantation and its maintenance, but well within the approved unit cost. The sharing under the component is 50:25:25 between CSB : State: Beneficiary respectively.

2. Assistance for irrigation and other water conservation & usage techniques.

The component is to cover all types of irrigation, such as drip, tube/open wells, shallow wells, ponds, farm ponds, surface tanks and similar water harvesting systems including ground level water storage tanks & soil moisture conservation methods for different types of structure for different seri-zones. The subsidy is proposed to be given according to the nature of irrigation system and also the area proposed to be covered by the farmers. The assistance will be ranging from Rs.25,000/- to Rs.30,000/- per acre in different seri zones. The sharing under the component is 50:25:25 between CSB : State: Beneficiary respectively.

3. Supply of rearing appliances (including improved mountages) / farm equipment to farmers.

Under the component, it is proposed to provide support for modern rearing equipments such as farm machineries, shoot rearing racks, rotary mountages etc, which are essential for Bivoltine / Improved Cross Breed production with unit costs ranging from Rs.40,000/- to Rs.70,000/- per farmer per acre for different seri zones. The scheme will also support labour saving farm appliances, rearing equipments and other devices to improve mechanization to promote family labour and reduce dependency on hired labour. The sharing under the component is 50:25:25 between CSB : State: Beneficiary respectively.

4. Supply of quality disinfecting materials and other crop protection measures for farmers.

Under the component, assistance is proposed to be provided for both seed and commercial bivoltine & Improved Cross Breed cocoon producing farmers. While CSB will provide size and composition of the disinfectant module and a list of approved suppliers to the farmers, disinfectants to be supplied by the concerned agencies will be subject to quality test either by the State or CSB. Assistance will be provided with two types of unit costs, ie., Rs.4,000/- and Rs.5,000/- for different zones for implementation of the programme. The sharing under the component is 50:25:25 between CSB : State: Beneficiary respectively.

5. Assistance for construction of Rearing Houses.

Considering different topographical regions and rearing capacity of farmers in major States, assistance will be provided mainly for three models of rearing houses, viz., Rs.90,000, Rs.1,75,000 and Rs.2,75,000. Further, for those States who desire to support the farmers for constructing low cost rearing houses with locally available materials, assistance will be given to construct rearing houses costing Rs.30,000/-.

The subsidy pattern will be on a sliding scale as indicated below:

Model No.	Rearing House model	Sharing pattern (Gol : State: Beneficiary)
Low Cost	Rs. 30,000 (225 sq.ft to rear 50 dfls / batch)	35 : 35 : 30
III	Rs. 90,000 (225 sq.ft to rear 50 dfls / batch)	35 : 35 : 30
II	Rs.1,75,000 (600 sq.ft to rear 150 dfls / batch)	20 : 30 : 50
I	Rs.2,75,000 (1000 sq.ft to rear 250 dfls / batch)	10 : 20 : 70

6. Assistance for maintenance of Chawki Garden, construction of Chawki Rearing Centre buildings (CRCs) and procurement of Chawki Rearing Equipments.

The component is to support bivoltine and ICB rearers towards construction of CRC building, procurement of equipments and maintenance of chawki gardens. The component is proposed to be extended to NGOs, SHGs, CBOs and individual farmers who are willing to establish CRCs on the land owned by them or under possession lease basis for minimum period of 5 years. Unit cost of Rs.6.00 lakh has been proposed for southern zone while it will be Rs.4.00 lakhs for other zones with a sharing pattern of 35:35:30 by CSB, State and the Beneficiary.

7. Production units for biological inputs, Door-to-door service agents for disinfection, input supply, and assistance for sericulture poly-clinics:

This component consists of three parts namely a) Setting up of production units for biological inputs; b) Door-to-door service agents for disinfection and inputs supply and assistance for Sericulture Poly-Clinics.

i) Setting up of production units for biological inputs

It is proposed to commercialize innovations of R & D Institutes where microbes have been isolated and cultured which can be used either to enrich the soil fertility (bio-fertilizers) or control the diseases(antagonistic microbes) or Bio-pesticides / Bio-control agents and other plants / animal products through qualified entrepreneurs, if required through collaborative efforts.

The Research Institutes which have isolated or developed various inputs such as microbes, shall help the States to scrutinize applications received from the qualified graduates / post graduates who have got the basic facilities like land, building etc. After approval of the projects, the funds will be released to the entrepreneurs. The entrepreneurs shall pay the royalty to the technology developer which will be decided by a committee to be constituted during the course of the implementation of the scheme.

ii) Door-to-door service agents for disinfection and inputs supply.

To encourage Private Service Agents to carry out the disinfection and supply of inputs to the farmers at their door steps. Interested unemployed youths / entrepreneurs / persons shall be identified through local Panchayats / NGOs / SHGs/CBOs and other local bodies and will be provided with a motorcycle / three wheelers to carry disinfecting equipments like power sprayer, accessories and safety equipments etc.

iii) Setting up of Sericulture Poly-clinics.

The qualified graduates / diploma holders in sericulture having knowledge of sericulture and testing procedures shall be selected under the scheme and will be trained in the research laboratories in testing the soil, leaves or silkworms and in identifying the deficiencies and diseases and will be groomed as entrepreneurs for testing soils, leaf samples, silkworms etc. The units shall serve as laboratories for problem identification, trouble shooting and consultancy centres. They will charge for testing, consultancy and other services. These units will also function as Sales Centers for disinfectants, chemicals, appliances and other devices used in sericulture.

The unit costs proposed for the 3 sub-components is 3.00 lakhs for southern zone and Rs.1.50 lakh to Rs.1.84 lakhs for other zones. The sharing of the cost is between CSB, State and Beneficiary at 50:25:25.

8. Support for development of Kissan Nurseries.

As the State sericulture departments are not having sufficient infrastructure and manpower to raise the required quantity of Mulberry saplings at Government level to cover the targeted additional plantation in XII Plan, it is proposed to encourage private Kissan Nurseries on a PPP model.

A farmer / entrepreneur can raise about 1,30,000 high yielding and improved variety mulberry saplings in one acre per year which can support direct plantation development in 20 to 25 acres. With a one time support for this venture, it will be possible for the Kissan Nursery to sustain and continue the activity. However, the State Sericulture Departments and other implementing agencies have to support the Kissan nurseries by procuring the saplings for distribution to the identified project / cluster area beneficiaries by giving at least 4 months advance indents. A unit cost of Rs.1.15 lakh per Kisan Nursery is proposed. The sharing under the component is 50:25:25 between CSB : State: Beneficiary respectively.

9. Maintenance cost for Mulberry plantation raised during X & XI Plan (For Bivoltine and ICB only).

In order to improve the production and productivity, this component is proposed to support poor farmers of NE region and other hilly areas for maintenance of the Mulberry plantation developed during the earlier plan periods, which not only help them to reduce the mortality rate, but also improve the production and productivity of bivoltine and ICB cocoons. A unit cost of Rs.4,500/- per acre is proposed to be provided. The sharing under the component is 50:25:25 between CSB : State: Beneficiary respectively.

10. Support for construction of Vermi-compost sheds

The component is to provide assistance for construction of vermi composting sheds for vermi compost production to facilitate farmers to generate adequate composts with the available resources with a unit cost of Rs.20,000/-. The sharing under the component is 50:25:25 between CSB : State: Beneficiary respectively.

11. Assistance towards fencing of mulberry gardens in NE States.

Mostly, the mulberry plantations in NE States are far away from the dwelling houses and regular watch and ward is not practical for the farmers. If support is provided for low cost fencing of the mulberry plantation, it can sustain the plantation for higher leaf yield and increase in cocoon production. Therefore, it is proposed to support for mulberry plantation for fencing including the surviving plantations of earlier Plan periods, with a unit cost of Rs.10,000 per acre. The sharing under the component is 80:10:10 between CSB : State: Beneficiary respectively

12. Assistance towards expansion of Rearing Houses for construction of Mounting Halls in NE and Hilly States.

The component is to provide support for establishment of mounting hall in existing as well as new rearing houses in NE and Hilly States. The unit cost proposed for construction of one mounting hall is Rs.30,000/-. The sharing under the component is 80:10:10 between CSB : State: Beneficiary respectively.

13. Support for increasing the yield of existing rainfed mulberry garden through water conservation techniques:

Considering the need for improving the productivity of rainfed gardens, the farmers would be supported under the component to develop their existing rainfed gardens by the recommended water conservation techniques. Assistance @ Rs.10,000 per acre is proposed to be provided. The sharing under the component is 50:25:25 between CSB : State: Beneficiary respectively.

II Vanya Seed Sector

1) Assistance to private tasar graineurs:

Under the component, unemployed tribal/ rural youth will be identified and trained on grainage technology to empower technical and managerial skills for production of commercial dfls as per the norms fixed by the research institutes under the CSB (Amendment) Act 2006. After the training, the graineurs will be assisted with necessary technical support, construction of grainage building, procurement of grainage equipment, consumables and working capital for purchase of seed cocoons and insurance coverage. This would enable the graineurs to process 20,000 seed cocoons and produce 5,000 dfls per grainage operation. Support will be @ Rs.2.32 lakh per graineur with a sharing pattern of 60:20:20 (General status States) and 80:10:10(Special status States) between CSB, State and Beneficiary.

1a) Assistance to existing tasar graineurs for up-gradation of seed production capacity:

In order to utilise the expertise of the Private Graineurs and ensure optimum utilisation of infrastructure created during earlier plan periods, it is proposed to assist the existing private tasar graineurs by extending financial assistance towards repair of grainage building, servicing/ purchase of grainage equipment besides working capital and hiring of moth testers during the peak period of the grainage operation. Support will be @ Rs.42, 000 per graineur with a sharing pattern of 60:20:20 (General status States) and 80:10:10(Special status States) between CSB, State and Beneficiary.

2. Assistance for strengthening of tasar seed multiplication infrastructure (tropical tasar):

The component envisages provision for construction/ renovation of existing building, supply of grainage equipments, grainage house, insurance, buildings, maintenance, etc. based on the report of a Joint Committee comprising DOS and BTSSO unit in the State. Besides, lump sum provision towards procurement of nucleus seed cocoons and operational cost for preservation of cocoons for over 6 months has been made under the component. The State PPCs or Basic Seed Grainage units with a capacity to preserve 1.5 lakh cocoons & produce 25,000 tasar basic seed only will be assisted. Support to the tune of Rs.5.00 lakh per PPC shall be provided with a sharing pattern of 50:50 (General status States) and 90:10 (Special status States) between CSB and State.

2a) Establishment of Basic Seed Production Unit (by SHGs/ Co-operatives/ NGOs):

It is proposed to promote establishment of Basic Seed Production Unit by dovetailing funds from CDP with assistance however limited to 25% of the unit cost. Considering the practical difficulty for the States to meet the entire basic seed demand and success achieved in organizing the quality basic seed involving NGO/CBO under external assisted projects during XI Plan, it is proposed to promote establishment of Basic Seed Production unit by NGOs in such projects implemented with assistance from MoRD, NABARD, TWC, RKVY, etc., and limiting the assistance to 25% of the unit cost under CDP with or without State share during XII Plan. The unit cost for one unit has been worked out Rs.43.00 lakh with sharing pattern of 60:20:20 (General States) and 80:10:10 (special category States) between CSB, State and Beneficiary. This component shall be availed specially for such projects involving 25% share from CDP and remaining assistance shall be dovetailed from MoRD, NABARD, TWC, RKVY etc., Support will be @ Rs.43.00 lakh per unit (only 25% of the unit cost will be born under CDP) with a sharing pattern of 60:20:20 (General status States) and 80:10:10(Special status States) between CSB, State and Beneficiary.

2) Assistance for Strengthening of Seed Multiplication Infrastructure (Oak tasar):

Under the component assistance will be provided for construction/ repair/ extension of grainage building to accommodate facilities for seed cocoon preservation, coupling, ovi position, moth testing and incubation etc. along with running water supply, grainage equipment/ consumables and standby source of power for seed production. Also one time assistance of Rs. 1.5 lakhs is also proposed as working capital for procurement of seed cocoons during the first year of operation. Support to the tune of Rs.15.00 lakh per Grainage will be provided with a sharing pattern of 50:50 (General status States) and 90:10 (Special status States) between CSB and State.

3) Assistance for tropical tasar rearers:

It is proposed to assist both seed and commercial tasar rearers in general and seed rearers in particular with the necessary rearing equipment, fertilizer and technology inputs for host plant maintenance and to produce quality seed cocoons. Implementing Agencies shall ensure that utmost care be taken to cover tasar nucleus (during commercial crop season) and basic seed (during seed crop season) rearers linked to basic seed production units under the States, BSM&TCs and NGOs/ CBOs to strengthen seed augmentation efforts. Support will be @ Rs.20,000/- per rearer with a sharing pattern of 60:20:20 (General status States) and 80:10:10(Special status States) between CSB, State and Beneficiary.

4a) Assistance for Oak tasar seed rearers:

Under the component, it is proposed to promote integrated package of seed crop rearing developed by the research institutes of CSB. The seed rearers shall be assisted with necessary rearing equipments and tools to produce quality seed cocoons required for commercial seed production. Support will be @ Rs.19,000/- per rearer(North West region), Rs. 17,500/- (North East region) with a sharing pattern of 60:20:20 (General status States) and 80:10:10(Special status States) between CSB, State and Beneficiary.

4b) Assistance for mobile testing facility for disease monitoring and seed cocoon testing:

During earlier plan periods efforts have been initiated in containing the disease in the identified project areas. The results are very limited due to lack of designated monitoring team and schedule in other tasar growing areas where crop failures are noticed. Therefore it has been proposed to organize a mobile testing facility for disease monitoring and seed cocoon testing. The Joint Disease Monitoring Team comprising representatives from CTR&TI, BTSSO, DOS, NGOs/CBOs, Producer Groups etc with clearly drawn schedules for quality BV/TV seed cocoon production shall visit the seed areas to examine disease incidence during seed rearing, seed cocoon procurement/ preservation/ processing, seed production in the tasar producing States to contain disease incidence. The component envisages mobile pick-up van for easy movement of Disease Monitoring Team as per schedule without linking up to routine extension work. Support to the tune of Rs.6.10 lakh per mobile van shall be provided with a sharing pattern of 50:50 (General status States) and 90:10 (Special status States) between CSB and State.

5) Assistance to State Departments for Strengthening of Eri Farm-cum-Grainages:

State Eri Farm-cum-Grainage shall be strengthened with basic facilities/ amenities like augmentation or replacement of old block plantations, construction of new buildings/ repair/ extension of rearing/ grainage building to create desired facilities for seed cocoon preservation, coupling, ovi-position, moth testing, incubation etc. along with running water supply, grainage equipment/ consumables, standby power source and one time assistance of Rs.1.60 lakhs is also proposed as revolving capital for procurement of seed cocoons during the first year of operation. Each unit shall have an installed capacity to process 4.0 lakh seed cocoons for grainage to produce 100,000 dfls/ year in four crops @ 25,000 dfls per crop season. Support to the tune of Rs.12.48 lakh per farm cum grainage shall be provided with a

sharing pattern of 50:50 (General status States) and 90:10 (Special status States) between CSB and State.

5a) Assistance to Eri Private Graineurs

The objective is to organize the production of eri commercial seed by training and equipping the rural entrepreneurs to produce quality eri seed following scientific procedure under the supervision of qualified and trained personnel of Department of Sericulture/ CBOs/ NGOs. The eri private graineurs shall be linked with the adopted seed rearers for quality seed cocoons and the commercial cocoon producers for sale of F-1 seed. The graineurs will be assisted with necessary technical support, grainage building, improved moth testing facility and consumables to produce 5,000 dfis/ grainage operation. Support will be @ Rs. 2,33,000/- per rearer (Other than North East region) and Rs. 2,40,000/- (North East region) with a sharing pattern of 60:20:20 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

5b) Assistance to eri Adopted Seed Rearers

The component envisages assistance to Adopted Seed Rearers linking them with the State Eri Farm-cum-Grainages and the private graineurs for supply of quality seed cocoons. The involvement of adopted seed rearers in the seed production chain shall strengthen the three tier system of eri parental seed multiplication system in the country. Under the component, the seed rearers shall be assisted with necessary rearing equipments and tools to produce quality seed cocoons required for production of eri commercial seed. Each rearer shall be assisted to the tune of Rs.16,000 being the unit cost with a sharing pattern of 60:20:20 (General status States) & 80:10:10 (Special status States) between CSB, State and Beneficiary.

5c) Up-gradation of State eri basic seed farm-cum-grainages

It is proposed to upgrade the existing State Eri Farm-cum- Grainages to Eri Basic Seed Farm-cum-Grainages with basic facilities like augmentation or replacement of old block plantations, repair/ renovation / extension of rearing and grainage buildings equipped with facilities for seed cocoon preservation, coupling, ovi-position, moth testing and incubation etc. along with running water supply, rearing & grainage equipments, consumables and standby source of power for basic seed production. Support to the tune of Rs.12.38 lakh per basic seed farm cum grainage shall be provided with a sharing pattern of 50:50 (General status States) and 90:10 (Special status States) between CSB and State.

5d) Assistance for Establishment of Self Help Eri Grainage (SHEG) Units

To develop organized eri seed supply system, it is proposed to utilize the skill of the rearers and organize them at village level into "Self Help Eri Grainage (SHEG)". Each SHEG will have 20 eri farmers and shall act as a local grainage facility. Such 20 SHEGs shall be linked to State Eri Seed Farm-cum-Grainages for training on technical support, disease monitoring and other assistance. The Self Help Eri Grainage unit shall be assisted for group formation, capacity building, equipment, tools and working capital to produce 4000 dfis/ year to cater to the annual requirement of seed for the group. Support will be @ Rs.8,400/- per SHEG with a sharing pattern of 60:20:20 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

5e) Mobile Testing & Certification Units:

Mobile testing and certification units are necessary for helping in disease surveillance & monitoring the existing grainage facilities in seed areas and to be established in the Govt./ private sector both in the muga & eri sectors during XII Plan. The mobile testing and certification units shall be operated by CBOs/ NGOs trained for the purpose and shall function under the guidance and monitoring of the Muga / Eri Silkworm Seed Organization (MSSO/ ESSO). The units shall be supported with a Customized Pick-Up Van having all necessary equipment / facilities for disease management & identification using Fujiwara method of testing. Support to the tune of Rs.6.70 lakh per mobile van shall be provided with a sharing pattern of 60:20:20 (General status States) and 80:10:10(Special status States) between CSB, State and Beneficiary.

6) Assistance to Muga Private Graineurs:

Under the component, the graineurs will be assisted with necessary technical support, construction of grainage building, procurement of grainage equipment, consumables and working capital for purchase of seed cocoons and insurance coverage. This would enable the graineurs to produce 5000 dfls/ cycle and 10000 dfls/ year. Support will be @ Rs.2.55 lakh per graineur with a sharing pattern of 60:20:20 (General status States) and 80:10:10(Special status States) between CSB, State and Beneficiary.

6a) Assistance to existing Muga Private Graineurs for Up-gradation of Seed Production Capacity:

The component proposes to improve quality of muga seed in the organized sector by optimizing seed production to full capacity by assisting *existing* muga private graineurs. Emphasis has been made to provide latest testing and certification tools for commercial seed producers backed by training and follow-up for checking pebrine disease. Support will be @ Rs. 82,000 per graineur with a sharing pattern of 60:20:20 (General status States) and 80:10:10(Special status States) between CSB, State and Beneficiary.

7. Assistance to State Departments for Strengthening of Muga Seed Multiplication Infrastructure (P2):

It is proposed to assist State Departments towards strengthening of muga seed multiplication infrastructure to conduct P2 level basic seed rearing for meeting the basic seed requirement during XII Plan, with raising & maintenance of perennial plantation, construction/ up-gradation of two grainage buildings, two cocoon mounting hall, grainage equipments and revolving capital. This would enable the unit to produce 60,000 dfls/ year. Support to the tune of Rs. 30.99 lakh per basic seed farm cum grainage shall be provided with a sharing pattern of 50:50 (General status States) and 90:10 (Special status States) between CSB and State.

7a) Assistance for Establishment of Muga P3 Basic Seed Production Units:

In order to expand muga basic seed production base and multiplication process, it is proposed to assist state departments towards establishment of muga P3 basic seed production farms to produce 5000 P-2 dfls / operation and 10000 P2 dfls per annum. The support includes raising & maintenance of perennial plantation, construction/ up-gradation of one grainage building, two cocoon mounting hall, grainage equipments and consumables. Support to the tune of Rs. 20.35 lakh per basic seed farm cum grainage shall be provided with a sharing pattern of 50:50 (General status States) and 90:10 (Special status States) between CSB and State.

7b) Assistance to Muga Adopted Seed Rearers:

The component envisages assisting muga Adopted Seed Rearers (ASRs) for enhancing production base of muga seed cocoons thereby expanding the seed multiplication network under quality multiplication system during XII plan. Under the component, the ASRs shall be assisted with necessary inputs for plantation maintenance, rearing appliances and mounting hall cum watch & ward shed. Support of Rs. 74,500 per ASR shall be provided with a sharing pattern of 60:20:20 (General status States) and 80:10:10(Special status States) between CSB, State and Beneficiary.

Vanya Cocoon Sector

1) Support to Rearers for Augmentation of Tasar Host Plantation:

Under the component, each beneficiary or Self Help Group will be assisted with supply of seedlings, cost for plantation development, inputs and soil conservation measure to raise 1.0 hectare of new systematic plantation of food plants for tasar silkworms. Assistance to the tune of Rs. 40,000/- for raising of 1 ha. of tasar host plantation shall be provided with a sharing pattern of 60:20:20 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

1a) Assistance to Beneficiaries for Raising Tasar Food Plant Seedlings (Kissan Nurseries):

Under the component, tasar rearers, Self Help Groups (SHG), Women Groups, Vana Samrakshana Samithis (VSS), tasar Vikas Samithis (TVS) etc., shall be involved to raise about 55,000 seedlings of tasar food plant. Assistance of Rs. 80,000/- per nursery unit shall be provided with a sharing pattern of 60:20:20 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

1b) Assistance to Tasar Commercial Rearers for Development of Chawki Garden:

It is proposed to assist tasar commercial rearers to establish Chawki Gardens in govt. waste land or community land close to natural host flora, few better quality cocoon production @ 0.1 ha. per rearer with 1.8 m x 1.8 m spacing suitable for young age silkworm rearing under nylon nets. Each rearer shall be assisted with a unit cost of Rs. 6,300/- and a sharing pattern of 60:20:20 (General status States) & 80:10:10 (Special status States) between CSB, State and Beneficiary.

1c) Assistance to Tasar Rearers for Maintenance of Existing Chawki Plantation:

The component envisages maintenance of existing chawki gardens as per recommended package of practices and also technology inputs from CTR&TI, Ranchi for better results. An assistance of Rs 1,400 per rearer shall be provided with a sharing pattern of 60:20:20 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

1d) Assistance to Tasar Rearers for Maintenance of Existing Tasar Plantation:

Assistance under the component shall be extended to tasar block plantations raised during earlier plan periods and also during XI Plan towards maintenance for a maximum of two years for better survival. Assistance to the tune of Rs. 17,000/- for maintenance of existing host plantation shall be provided with a sharing pattern of 60:20:20 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

1e) Conservation and utilization of Sal based Tasar Eco-races:

The programme has been devised for conservation Sal (*Shorea robusta*) based eco-races of tropical tasar for their optimal proliferation and sustainable utilization thereby enriching the biodiversity besides accelerating potential economic value and income generation for the poor tribal tasar rearers. It is proposed to organize conservation clusters in the form of camps involving an expenditure of Rs. 4,58,300/- per camp with a sharing pattern of 25:75 between CSB and State.

2) Assistance for Raising and Maintenance of Systematic Oak tasar Plantation:

The component envisages assisting the beneficiary to raise one hectare of systematic plantation of Oak tasar food plants. Each beneficiary or Self Help Group will be assisted with supply of seedlings, land development, cost of plantation development, inputs and plantation maintenance. Assistance to the tune of Rs. 49,000/- for raising of 1 ha. of Oak tasar host plantation shall be provided with a sharing pattern of 60:20:20 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

2. Assistance for Construction of Cocoon Storage Houses in Tasar Sector:

It is proposed to assist the tasar rearers for construction of cocoon storage houses with a capacity to store around 50,000 cocoons in order to ensure that the tasar rearers get remunerative price for their produce. Temporary storage facilities in production clusters would help tasar rearers to preserve the reeling cocoons for at least 3 - 4 months after harvest of commercial crop, thereby avoid temporary glut and distress sale. An assistance of Rs 1,00,000 per storage house shall be provided with a sharing pattern of 35:35:30 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

3a) Assistance for Construction of Cocoon Storage and Stifling Facilities for Tasar Rearers:

The component envisages construction of cocoon storage houses, storage & stifling facilities for tasar rearers covered under the projects assisted under MoRD, NABARD, TWC, RKVY etc., involving 25% share from CSB under CDP. Support will be @ Rs. 22.20 lakh per unit (only 25% of the unit cost will be borne under CDP) with a sharing pattern of 35:35:30 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

4. Support for Castor/ Tapioca Cultivators with Start-up Tools:

Under the component, it is proposed to assist Castor/ Tapioca cultivators with land development, cost of castor seed, inputs and start-up tools especially outside North East region. Assistance to the tune of Rs. 12,500/- shall be provided to the farmers to rear 50 dfls per crop using foliage for 3 to 4 times per year in 1.0 acre land of their own with a sharing pattern of 60:20:20 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

5. Augmentation of Perennial Eri Food Plants with Supply of Start-up Tools:

Under the component, support shall be extended to raise one acre of systematic eri perennial plantation by following integrated package developed by the Research Institutes of CSB. Support also includes maintenance of plantation for rearing of 400 dfls/ year in the fourth year of establishment. Each farmer shall be assisted with cost towards land development, cost of seedlings including 10% mortality, inputs, start-up tools and maintenance for 2nd and 3rd year. The assistance of Rs. 31,000/- per acre shall be provided with a sharing pattern of 60:20:20 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

5a) Assistance for Raising Kesseru Food Plants Nursery:

Under the component, assistance is extended to raise the eri food plants nursery to produce 20,000 healthy seedlings / year for supporting plantation in 40 acres of land, by following improved technologies recommended by Research Institutes of CSB with adequate care. Towards raising the nursery, the cost of land preparation, seed, chemicals, tools and other inputs shall be provided. An amount of Rs. 51,000/- per nursery unit will be provided with a sharing pattern of 60:20:20 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

6. Assistance for construction of Eri Rearing House:

Under the component, assistance shall be provided to the beneficiaries who have raised the required eri host plantation. In case of castor/ tapioca cultivators, assistance for construction of rearing house to ensure hygiene and improvement in cocoon production with an agreement that they shall continue eri culture for a minimum period of 5 years. Assistance of Rs 1,00,000/- per rearing house shall be provided with a sharing pattern of 35:35:30 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

7. Augmentation and Maintenance of Muga Food Plants with Start-Up Tools:

The component envisages assistance to the beneficiary to raise one acre of systematic plantation of muga host plants. Each beneficiary will be assisted with cost of land development, seedlings and transplantation, inputs cost besides maintenance and startup tools. An amount of Rs. 31,000/- per acre will be provided with a sharing pattern of 60:20:20 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

7a) Assistance for Raising Muga Food Plants Nursery:

Under the component, assistance is extended to raise the eri food plants nursery to produce 20,000 healthy seedlings / year for supporting Muga plantation in 40 acres of land, by following improved technologies recommended by Research Institutes of CSB with adequate care. Towards raising the nursery, the cost of land preparation, seed, chemicals, tools and other inputs shall be provided. An amount of Rs. 52,500/- per nursery unit will be provided with a sharing pattern of 60:20:20 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

7b) Assistance for Maintenance of Existing Muga Food Plantation:

The component proposes to provide required fertilizer inputs, plant protection measures for pest and disease prevention besides appliances for Muga food plant maintenance. Block plantation raised during earlier plan periods will also be assisted for optimizing the productivity. An amount of Rs. 9,500/- per acre will be provided with a sharing pattern of 60:20:20 (General status States) and 80:10:10 (Special status States) between CSB, State and Beneficiary.

III Post Cocoon Sector

A. Mulberry

1a). Support for Construction of Reeling Sheds:

The purpose implementation of the component is to provide support for construction of reeling sheds for reeling units being established in a separate building in identified Reeling Park / industrial areas or for a unit separate from the dwelling. It is proposed to extend subsidy for construction of reeling sheds for establishment of Cottage Basin and Multi-end Reeling units. Support for construction of reeling sheds in respect of Vanya reeling shall also be considered if the reeling units are being set up as a unit separate from dwelling. Central share allocation of Rs. 6.34 crores has been made to cover construction of 275 reeling sheds.

2. Support for establishment of Motorized Charkas to dissuade child labour:

Turning / rotating charka in a Charka reeling unit is a manual activity and there is scope for engaging child labour for this. In order to discourage employment of child labour and improve the working conditions in Charka units, this component envisages support for establishment of motor driven twin Charkha units with required driving arrangements. Central share allocation of Rs. 0.73 crores has been made for establishment of 1000 units.

3. Support for establishment of Improved Cottage Basin Reeling Units:

Cottage basin system of reeling is an improved technology over Charka and provides better quality silk compared to Charka. CSB has developed an improved cottage basin reeling technology package for producing better quality silk and improving working conditions. The component envisages support for setting up of Improved Cottage Basin Reeling units in non-traditional States and non-traditional areas of traditional States. Central share allocation of Rs. 1.13 crores has been made for establishment of 50 improved cottage basin reeling units

4. Support for establishment of Multi-end Reeling Units:

CSB has developed a Multi-end reeling machinery package for production of international grade raw silk using quality multi x bivoltine and bivoltine cocoons produced in the country. The component envisages support for setting up of 6-Basin and 10-Basin units. The units can be established by individual entrepreneurs or by a group in SPV mode. It is also proposed to provide support for reconditioning of multi-end reeling machinery supplied during earlier plan periods. Central share allocation of Rs. 16.79 crores has been made for establishment of 225 multi-end reeling units.

5. Support for establishment of Automatic Reeling units:

With a view to produce international quality raw silk from Bivoltine cocoons produced in the country, support is being provided for establishment of automatic reeling units. The component envisages support towards establishment of 400 ends / 200 ends capacity automatic reeling unit with latest technology for cocoon drying, cooking, reeling, re-reeling etc. The units can be established by individual entrepreneurs or by a group in SPV mode. Central share allocation of Rs. 12.39 crores has been made for establishment of 20 automatic reeling units

6. Support for establishment of Automatic Dupion Reeling units:

The double cocoons and inferior quality cocoons are converted in to dupion silk yarn on a dupion reeling machine. With a view to provide better value addition to inferior quality cocoons and produce international quality dupion yarn, support is given for establishment of Automatic Dupion Silk Reeling units with imported machinery. The units can be established by individual entrepreneurs or by a group in SPV mode. Central share allocation of Rs. 1.28 crores has been made for establishment of 3 automatic dupion reeling units.

7. Assistance for Twisting Units:

The objective of this component is to enhance profit margin of the multi-end reeling unit by adding a twisting unit so that the unit can go for value addition by way of selling their produce in the form of twisted silk. This component provides support for establishment of twisting units of 480 spindles along with winding and doubling machines. Central share allocation of Rs. 7.45 crores has been made for establishment of 125 twisting units

8. Interest Subsidy on Working Capital loan sanctioned by Banks to Reeling Units:

Reeling is the weakest link in the entire production process of silk. The cost of the raw material i.e. cocoons constitutes around 80 - 90% of cost of reeled silk, making the working capital requirement the most critical component in reeling activity. Added to this, there is relatively poor flow of credit to the silk reeling sector from banks / financial institutions. In order to meet the working capital requirement of the reelers and encourage credit flow to the reeling sector, it is proposed to provide a maximum of 5% interest subsidy on the working capital loan sanctioned to reeling units by the Scheduled Commercial Banks to be shared between Central & State. Central share allocation of Rs. 1.84 crores has been made for the purpose.

9. Incentive for production of Bivoltine silk:

This component encourages production of quality BV raw silk by providing a quality based incentive to multi end and automatic reeling units. This would also provide a thrust to bivoltine sericulture in the country through better value realization for bivoltine cocoons and encourage farmers to produce quality bivoltine cocoons. The eligible incentive shall be paid by the concerned State and CSB on a sharing basis. Central share allocation of Rs. 7.80 crores has been made to meet the requirement.

B. Vanya

10. Support for Vanya Reeling / Spinning Sector:

(a). Reeling-cum-Twisting Machine:

CSB has designed and developed a reeling-cum-twisting machine, which is suitable for both tasar and muga reeling. The mechanization of reeling and twisting in one single operation has some definite advantages viz., higher productivity, reduced labour, removal of drudgery and importantly producing better quality twisted yarn. The component supports the establishment of these units in the Vanya sector and Central share allocation of Rs. 9.71 crores has been made for establishment of 3000 reeling cum twisting machines.

(b). Wet Reeling Machines (2-Basins of 6-ends each):

Tasar reeling is predominantly a dry reeling activity. CSB has developed a wet reeling machinery and technology package for production of better quality tasar yarn. It is proposed to promote this tasar reeling package as a new component under the XII Plan and Central share allocation of Rs. 0.36 crores has been made for establishment of 100 wet reeling machines.

(c). Two-in-One Reeling-cum-Twisting Machine:

This component provides support for a machine which has facilities for both wet reeling and twisting on a single machine as independent activities. This component is proposed to be implemented during the XII Plan period as a new component and Central share allocation of Rs. 0.50 crores has been made for establishment of 100 machines.

(d). Tasar Cocoon Sorting Machine:

The manual sorting of tasar cocoon, which is being practiced in the field since long, is a cumbersome process. To overcome this, CSB has developed a mechanical device to separate tasar cocoons based on the size. As this device is cost effective, it is proposed to promote this device in tasar producing States on a pilot basis during the XII Plan and Central share allocation of Rs. 0.03 crores has been made for establishment of 10 cocoon sorting machines.

(e). Motorized / Pedal Operated Spinning Machine:

To improve the productivity and quality of hand spun silk yarn, CSB has developed motorized/pedal operated spinning machine. This component has made a considerable impact in the field under earlier plan periods. It is proposed to continue the said component under XII Plan period also with a central share allocation of Rs 2.13 crores for establishment of 4500 machines.

(f). Solar operated Spinning Machines:

CSB has developed a spinning machine driven by solar energy to address the requirement of artisans of remote villages where availability of electricity is scarce. Central share allocation of Rs 0.14 crore has been made for establishment of 100 solar operated spinning machines

C. General (Mulberry & Vanya)

11. Providing services of Master Reelers and Technicians:

One of the major constraints for sustaining silk reeling industry in non-traditional States and non-traditional areas of traditional States is the absence of skilled reelers. To overcome this problem, the concept of deputing Master Reelers to existing silk reeling units to train the workers engaged in the units was introduced. Considering the good feedback / demand and request from the States, it is proposed to continue the component during XII Plan also with a modification to provide services of Master Technicians also to attend the repair and other maintenance work of reeling units. Central share allocation of Rs. 0.86 crores has been made for deputing 50 Master Reelers & 10 master Technicians.

12. Support for Handloom Sector:

(a). Loom up-gradation through Jacquards & other equipments developed by CSTRI:

The existing silk handloom units are not having the financial capacity to upgrade their handlooms for producing diversified products and for adopting small interventions required for better operation. In this direction, support would be provided for upgrading existing pit or frame or improved handlooms working on silk through installation of attachments like additional jacquards, doobby and by the way of providing pirn winding machine, Asu machine, winding machine etc. Central share allocation of Rs. 3.86 crores has been made for upgrading 5000 silk handlooms.

(b). Pneumatic Lifting Mechanism developed by CSTRI for Silk Handloom:

Use of three to four jacquards for weaving intricate designs is a common practice in silk handloom weaving. The manual effort required to lift these jacquards puts lot of strain on the weaver and it is taking a heavy toll with severe joint ailments leading to arthritis. This is probably one of the main reasons for the younger generation to move away from traditional handloom weaving. The use of pneumatic lifting mechanism on handloom is a step in the right direction to reduce the drudgery/strain on the weaver and this component provides support for installing pneumatic lifting mechanism on handlooms. Central share allocation of Rs. 4.53 crores has been made for attaching pneumatic lifting mechanism on 2000 silk handlooms.

13. Support for setting up of Common Facility Centres (CFC) for Yarn Dyeing & Fabric Processing (special technology package developed by CSTRI):

a. Computer Aided Textile Designing (CATD):

Design forms an integral & crucial part of textiles and offers an edge to the product in the market. Much of the effort involved in the process of design development can be minimized with the use of computers with software for textile designing. Computer Aided Textile Designing (CATD) provides freedom to the textile designer to get the best out of his artistic ingenuity and better flexibility for his creativity. It also equips the textile designer with a tool to react to the changes in the market trend in a faster way. The components like computerized card punching machine eliminates the requirement of manual labour to a large extent. Central share allocation of Rs.1.23 crores has been made for establishment of 50 CATD units.

b. Yarn Dyeing (Tub Dyeing & Arm Dyeing):

The level of technology and work practices adopted in silk yarn dyeing is primitive. The effluents are usually discharged without treatment raising environmental concerns. CSB studied the requirements of these dyeing clusters across the country and came out with certain measures to address the problems. Based on this study, support is extended for establishment of silk yarn dyeing units of varying capacity. Central share allocation of Rs 2.85 crores has been made for establishment of 35 tub dyeing and 10 arm dyeing units.

c. Fabric Processing:

Most of the silk fabrics produced on powerlooms like soft silk, chiffon, crepe, georgette are piece dyed and hence require fabric processing and finishing facility. As these facilities are capital intensive, the fabric processing is carried out in vessels in primitive manner resulting in poor quality. The finishing work is generally outsourced. The support available under the above component helps to create better fabric processing facility. Central share of Rs 2.10 crores has been earmarked for establishment of 10 such units.

d. Support for Effluent Treatment Plant (ETP):

The silk yarn dyeing and fabric processing facilities created under CDP during earlier Plan periods were not with ETP. The Pollution Control Board in the recent past has issued strict guidelines and treatment of effluent before discharge is made compulsory. The component equips these Yarn Dyeing and Fabric Processing units with ETP and helps to address environmental concerns. Central share of Rs 2.84 crores has been earmarked for this purpose.

14. Providing services of Master Weavers/ Designers, Dyers and Technicians:

Each handloom cluster is known for its unique product and there is very little effort to incorporate design changes to suit the changing market demands. The main reason could be the non-availability of skilled manpower to handle this task. Similarly, silk yarn dyeing is an integral part of silk weaving cluster and standard dyeing practices are need of the hour. The concept of Master Weavers/ Dyers helps to upgrade the skill available in silk weaving/ dyeing clusters. Central share allocation of Rs 0.86 crores has been made for providing services of Master Weaver/Designer/Dyer/Technician.

IV. Marketing

15. Support to States for Creating / Upgrading Marketing Infrastructure for Cocoons and Raw Silk:

The component envisages support for creation of marketing infrastructure in the States for transacting cocoons and raw silk based on quality based pricing. The support can be utilized for Establishment of new Cocoon Markets/ Silk Exchanges, Up-gradation of existing Cocoon Markets/ Silk Exchanges, Establishment of Cocoon Banks/ Warehouses, Organization of Vanya (Muga & Eri) Cocoon Marketing outlets and Development of Information Technology (IT) Solutions. An allocation of central share of Rs 11.94 crores has been made for the said purpose.

16. Support for setting up of Hot Air Driers:

In Northern and North-Eastern States, sericulture is practiced as a seasonal activity. During the favorable seasons, cocoons are harvested and these harvested cocoons are to be dried & stored for long for its use over a period of six months. In most of the non-traditional States proper cocoon drying facility is not available. This component encourages State/farmer/reelers to establish electrical/multi-fuel hot air drying units of different capacity. It is also proposed to support setting up of Conveyor type Hot Air Dryer of 2 MT capacity as a Common Facility as there is a demand to this type of hot air dryers especially in the biannual cropping States like HP, Uttarakhand, J&K etc. Central share provision of Rs 7.76 crores has been made for establishing these hot air driers.

17. Vanya Silk Marketing Promotion (VSMP):

In recent years, 'Vanya Silks' have recorded dramatic improvements in quality and productivity levels. The new initiatives taken by CSB like popularization of new machines for reeling, spinning etc. facilitated the emergence of wide range of marketable products in these sectors. A host of initiatives have been taken by CSB to promote these silks and their exports. Generic and Brand promotion in domestic / overseas markets, product design and diversification through R&D and collaborative projects, upgrading existing production technology, organizing exhibitions in major cities and sponsoring manufacturers to participate in domestic and overseas marketing events and exhibitions shall be focus areas under VSMP and a provision of Rs 1.00 crore has been made for this purpose.

IV Support Services

The components proposed under this sector is applicable to all the three sectors viz. Mulberry, Vanya and Post cocoon of the industry to supplement the efforts made under these sectors, for successful implementation of the Catalytic Development Programme. Hence, these components are grouped under “**Support Services**”, the brief details of which are given below :

1. Crop Insurance Support (for all Sectors)

It is proposed to extend the support to the beneficiaries during XII Plan under different activities of sericulture including silkworm rearing, silkworm egg production, reeling, twisting, weaving, spinning, dyeing and printing along with the security of Rearing and Grainage House, Reeling and Weaving Sheds and Equipment and the like. The Central Silk Board shall reimburse 50% of the premium paid by the State to the Insurance company. The claim settlement shall also be taken care of by the State Department of Sericulture and Insurance Company. The States shall implement in the form of Master Policies envisaging 50 to 100 beneficiaries depending on the nature of sub-component and density. The cost will be shared @ 50:25:25 by CSB : State : Beneficiary.

2. Publicity for Sericulture Sector

Under the component, the CSB would assist the States to undertake publicity and propaganda programmes to ensure dissemination of technologies developed by CSB’s Research Institutes to the field, keep the field level functionaries of Departments of Sericulture in various States abreast with the new packages of practices of mulberry cultivation and silkworm rearing, and motivate the farmers in new areas through publications, visual and print media.

The cost will be shared @ 50:50 by CSB & State, While traditional State is eligible for CSB share of Rs.50.00 lakhs, Non-traditional States are eligible for Rs.25.00 lakhs.

3. Support for Studies/consultancies, Surveys organized by CSB and State

- i) Support for conducting studies / surveys/ consultancies :The component enables States/ implementing agencies to obtain assistance to conduct Studies/Consultancies, Surveys in areas which will promote productivity, technology absorption, quality up-gradation and investment generation.
- ii) Regular supervision of field activities and Monitoring of progress : The component assists to undertake the regular supervision / monitoring of the programmes, review meetings through the Regional Offices and by the Field Level Monitoring Groups and meet expenditure for which provision does not exist under other components.
- iii) In house yearly evaluation by CSB : To ensure timely execution of the programmes / Projects and also to make impact assessment, the component provides assistance to conduct the in-house yearly evaluation by the monitoring committee / study teams through field visits.
- iv) Assessment of progress and impact of the Projects / Schemes on the development of silk industry through Mid term and Final Evaluation : Evaluation Study by external agency has to be carried out to focus mainly on the effectiveness of the projects / programmes implemented by the State / CSB units and identify the constraints/bottlenecks in the implementation process, besides assessing the actual benefits accrued to the stakeholders in the field.

Besides, it is also proposed to

- a) carry out a mapping of infrastructure available at public and private sectors, created over a period of years under various sericulture development programmes supported from CDP or non-CDP for optimum utilization of infrastructure.
- b) to organize studies and training programmes for CSB and State functionaries involved in project formulation, implementation and monitoring, in advanced countries not only developed in sericulture, but in countries who have made advancements in project implementation and achieved remarkable success.

The entire cost towards implementation of the above programmes will be borne by CSB.

4. Product Design, Development and Diversification Division (P3D)

To meet the objectives of the Product Design, Development and Diversification, a “P3D-The Cocoon” Center was established by the Central Silk Board during X Plan in its headquarter to facilitate the Product Design, Development and Diversification activity with adequate infrastructure facilities. The scheme was however continued during XI plan. The cell created new fabric structures, designs and developed diversified products through R&D units of CSB and design Institutes like NIFT, AIFD etc., The products designed and developed under P3D are put on display in different exhibitions/Silk Expos for the benefit of the manufacturers, traders, designers and exporters. The cell is providing technical know-how on the design and development of the marketable products. It is therefore proposed to continue P3D activities during XII Plan also.

5. Health Insurance programme for Sericulture farmers and Workers

The Health Insurance Scheme offers medical facilities for a certain class of identified diseases and ailments, including the pre-existing ones through a network of hospitals by way of reimbursement of medical expenditure as well as cash-less facilities. During XI Plan, only women beneficiaries were eligible to be covered under this programme. Based on feed-back received from the States, it is proposed to remove the gender tag and offer this scheme to all sericulturists and sericulture workers, irrespective of gender. Indicative premium has been estimated at Rs 1,000 per Sericulturists plus service tax (12.36%) which may vary from time to time.

The scheme covers a family of 5 i.e. self, spouse and 3 dependant family members.

During the year 2013-14 and 2014-15, the CSB share is to cover 75% of the premium and tax. Later on, the component will be implemented by the Ministry of Labour.

6. Capacity Building for sericulture sector (Includes all training and exposure visit to CSB, States and other stake holders)

Under this component, specific, need-based training programmes focusing on Sericulture concepts & technologies, business acumen, desired hard & soft skills would be organized in identified Seri-clusters, potential silk hubs of both traditional & non-traditional States. This component includes **three sub-components** to meet the planned objectives:

a) Skill Training & Enterprise Development Programmes (STEP)

This component consists of a variety of training modules focusing on various identified training needs of the industry to promote entrepreneurship & empower the farmers, industry partners & other stake holders by sharing relevant information & knowledge, upgrading the desired / required skills, refining various concepts, processes and technologies. It is envisaged to organize a total of 60 training programmes with the overall budgetary allocation of Rs.1.00 crore.

a. Beneficiary Empowerment Programme (BEP)

The Beneficiary Empowerment Programme (BEP) consisting of farmers and stakeholders training would be conducted by respective State Govt.. in association with CSB to address the training needs and skill gaps of the industry stakeholders. It is envisaged to cover around 4000 persons with a financial allocation of Rs.1.34 crore.

b. Establishment of Sericulture Resource Centre (SRC)

These training cum facilitation centres will act as an important link between Extension Centres of R&D labs and beneficiaries. It will be managed by selected lead/ elite farmers or any 'not for profit' organizations, Seri-Societies etc for the benefit of cluster farmers / sericulturists. It is envisaged to establish and run 16 such SRC with a total financial allocation of Rs.2.74 Crores

7. Developing Community Based Organizations (CBOs) in line with Resham Doot Concept (For all Sectors)

The programme aims to resolve the major problems of sericulture industry like dissemination of new findings and technology, group activity among the beneficiaries, popularization of bivoltine, training, extension, synchronizing the various activities of the sericulture to produce uniform quality cocoons, credit facilitation etc.

20 farmers are motivated to take up sericulture activities and form Sericulture Cluster Group (SCG). Support will be provided for organizing the meetings, procurement of registers etc. In the second phase, the SCG groups will be assisted to take up sericulture by extending the support available in Catalytic Development Programmes like plantation development, setting up irrigation facilities, rearing house, conservation camps, Health Insurance Programme etc. The common facilities like Chawki Rearing Centres, Sericulture Equipment Supply Centres, Community Mounting Hall, Disinfection units, Grainage activities, Common Facility Centres and other similar group related activities under CDP would also be extended to the SCG based on the need and requirement. Support will be provided to the Group towards working capital to enable them to procure required inputs for distribution among the members and non members. In the third phase, the SCGs will be networked to improve their potential levels. Cluster Level Association comprising of 10 SCGs provides a platform for each participating SCG to voice its concern for assistance and hear the experiences of other members for better decision and this will in the long run will develop into an effective institution for learning, acquire leadership qualities and promote involvement in development process. The programme is applicable to Mulberry, Vanya and Post Cocoon Sectors. The CLAs will implement the CDP components in project mode and cluster approach. They will prepare project on line with the CDP as per norms and routed through the concerned State DOSs for release of funds through State. The NGOs or Cluster Development Management Agency (CDMA) will also be encouraged to take-up sericulture projects involving CLAs. The Unit cost per SCG would be Rs.1.771 lakhs which will be shared between CSB, State and beneficiary @ 60:34:4.

8. Support for convergence activities for sericulture development

i. Cluster Development Projects

It is proposed to develop sericulture clusters (pre-cocoon) under State control with clear backward & forward linkages covering both Mulberry and Vanya sectors in potential areas or through reputed NGOs / CBO / recommended by the State DOS. The main objective to encourage sericulture clusters is to supplement the efforts in achieving bivoltine silk production target envisaged during XII Plan. While the DOS will implement the cluster programme and manage the CDP funds earmarked for the clusters, the CSB R&D Institutions will assist in joint identification of potential areas, conducting benchmark survey chawkie / seed supply, crop inspection and regular monitoring in close co-ordination with DOSs apart from providing technical assistance to farmers in identified cluster areas.

This apart, it is proposed to extend financial assistance to the State DOSs who intends to come forward to organize farmer groups and set-up new / additional sericulture clusters in Mulberry and Vanya sectors in potential areas dovetailing funds under normal CDP on the above lines, since the cluster mode approach has been found most suitable tool for implementation of CDP. The programme will be implemented with 100% cost by CSB. The unit cost is Rs.10.00 lakh per cluster.

ii. Special Initiatives (Flexi Fund)

Special Initiatives is proposed to enable States and other implementing agencies including CSB in Bivoltine Cluster Projects, to meet their specific needs and pilot innovations within the overall objective of CDP for its expected outcome. There are some essential interventions with specific objectives which cannot be covered with the available CDP components, and can only be implemented under this Special Initiatives (Flexi Fund) with pre-defined norms. States while formulating their project proposals under CDP may make a provision of maximum 10% of the total project cost to support the overall development of sericulture through implementation of CDP. The required interventions with pre-defined objectives / norms, actual requirement of funds etc. will be worked out by the concerned States and attached to the project for implementation of CDP, for consideration / approval by State level PMC followed by Zonal Committee and Apex Monitoring Committee. The cost will be shared by CSB : State : Beneficiary @ 30 : 35 : 35.

A statement indicating the details of Sector-wise component-wise targets, unit cost and proposed budget contribution by CSB, State and Beneficiaries for implementation of CDP during XII Plan as approved by the CCEA, Govt. of India is enclosed as **Annexure – I**.

CATALYTIC DEVELOPMENT PROGRAMME DURING XII PLAN (2012 - 17)

(Physical & Financial Targets for XII Plan with sharing of cost approved by EFC Chaired by
Finance Secretary & Secretary (Expenditure, Ministry of Finance on 4-6-2013)

(Amount in Rs. crore & Physical Units as indicated)

#	Name of the Scheme / Component	Unit	Unit Cost (Rupees)	Targets for XII Plan		Fund sharing			Object Head 'R' or 'C'
				Physical	Financial	CSB	State	Benef. / Fin. Instr.	
1	Mulberry Sector (Bivoltine & ICB)								
a)	Mulberry Seed								
1	Franchise disinfection programme of NSSO	Nos.	110,000	100	1.10	1.10	0.00	0.00	C
2	Support to construct Rearing Houses for Adopted Seed Rearers (ASRs) of NSSO	Nos.	120,000 to 300,000	275	4.62	2.31	0.00	2.31	C
3	Revolving Capital fund support for State grainages and RSPs	Nos.	135,000 to 500,000	485	13.06	6.56	6.50	0.00	C
4	Assistance for purchasing Seed Testing equipments for State grainages and private RSPs	Nos.	175,000	310	5.43	2.42	1.99	1.02	C
5	Support to strengthen basic seed farms of States	Nos.	500,000	35	1.75	1.03	0.72	0.00	C
6	Support to upgrade State and Private commercial seed production units	No. of Units	350,000	310	10.85	4.83	3.97	2.05	C
	Total for Mulberry Seed				36.81	18.25	13.18	5.38	
b)	Mulberry Cocoon								
1	Support for Mulberry Plantation Development	Acre	14,000	39,000	54.60	29.65	12.48	12.47	R
2	Assistance for irrigation and other Water Conservation and usage techniques	Acre	25,000 to 30,000	25,000	72.50	37.68	17.41	17.41	C

#	Name of the Scheme / Component	Unit	Unit Cost (Rupees)	Targets for XII Plan		Fund sharing			Object Head 'R' or 'C'	
				Physical	Financial	CSB	State	Benef. / Fin. Instrn.		
3	Supply of Rearing Appliances (including improved mountages) / farm equipments to farmers) Farmers	Number / Acre	40,000 to 70,000	58,000	364.50	194.68	84.91	84.91	C	
4	Supply of quality Disinfecting Materials and other crop protection measures for farmers	Seed Farmers	4,000 to 5,000	50,000	24.00	12.72	5.64	5.64	R	
5	Assistance for construction of Rearing Houses (RH) - Models of 1000 Sq.ft, 600 Sq.ft. & 225 Sq.ft.	Nos.	275,000 to 30,000	45,000	571.50	136.03	142.91	292.56	C	
6	Assistance for maintenance of Chawkie gardens, construction of Chawkie Rearing Centre (CRC) buildings and procurement of Chawkie Rearing equipments	Nos.	400,000 to 600,000	600	31.00	13.20	9.55	8.25	C	
7	Production units for Biological inputs / Door to Door Service Agents for Disinfection and inputs supply & Assistance for Sericulture Poly-Clinics	Nos.	150,000 to 300,000	400	9.94	5.32	2.31	2.31	C	
8	Support for development of Kissan Nurseries	Acre	115,000	400	4.60	2.50	1.05	1.05	R	
9	Maintenance cost for Mulberry Plantation raised during X & XI Plan for 3 years	Acre	4,500	5,000	2.25	1.79	0.23	0.23	R	
10	Support for construction of Vermi Compost Sheds	Nos.	20,000	5,000	10.00	5.44	2.28	2.28	R	
11	Assistance towards fencing of mulberry gradens in NE States	Acre	10,000	5,000	5.00	4.00	0.50	0.50	R	
12	Assistance towards expansion of Rearing Houses to construct Mounting Halls in NE States	Nos.	30,000	5,000	15.00	12.00	1.50	1.50	C	
13	Support for increasing the yield of existing rainfed mulberry gardens through water conservation techniques	Acre	10,000	5,000	5.00	2.74	1.13	1.13	R	
Total for Mulberry Cocoon						1169.89	457.75	281.90	430.24	
Total for Mulberry Sector						1206.70	476.00	295.08	435.62	
Revenue Head - 31						105.45	58.84	23.31	23.30	
Capital Head - 35						1101.25	417.16	271.77	412.32	

#	Name of the Scheme / Component	Unit	Unit Cost (Rupees)	Targets for XII Plan		Fund sharing			Object Head 'R' or 'C'
				Physical	Financial	CSB	State	Benef. / Fin. Instrn.	
2	Vanya Sector								
a)	Vanya Seed								
i	Tasar								
1	Assistance to Private Tasar Graineurs	Graineur	232,000	1,500	34.80	25.52	4.64	4.64	C
a	Assistance to existing tasar graineurs for upgradation of seed production capacity	Graineur	42,000	1,000	4.20	3.02	0.59	0.59	C
2	Assistance for strengthening of tasar seed multiplication infrastructure (Tropical Tasar)	PPC	500,000	30	1.50	1.11	0.39		C
a	Estt. of Basic Seed Production units (by SHGs, Co-operatives / NGOs)	Seed prod. unit	4,300,000 (Only 25% of the unit cost will be borne by CSB under CDP)	7	0.75	0.54	0.11	0.10	C
3	Assistance for strengthening of tasar seed multiplication infrastructure (Oak Tasar)	Grainage	1,500,000	6	0.90	0.81	0.09		C
4	Assistance for Tropical Tasar Rearers	Rearer	20,000	2,500	5.00	3.60	0.70	0.70	C
a	Assistance for Oak Tasar Seed Rearers	Rearer	17,500 & 19,000	200	0.35	0.29	0.03	0.03	C
b	Assistance for mobile testing facility for disease monitoring and seed cocoon testing	Nos.	610,000	20	1.22	0.98	0.24	0.00	C
	Total for Tasar Seed				48.72	35.87	6.79	6.06	
ii	Eri								
5	Assistance to State Deptts. for strengthening of Eri farm cum grainages	Farm cum Grainage	1,248,000	12	1.50	1.20	0.30		C
a	Assistance to Eri Private Graineurs	Graineur	233,000 & 240,000	170	4.04	3.00	0.52	0.52	C
b	Assistance to Eri Adopted Seed Rearers	Rearer	16,000	2,000	3.20	2.46	0.37	0.37	C
c	Upgradation of State Eri Basic Seed farm cum grainages	Farm cum Grainage	1,238,000	10	1.24	0.97	0.27		C
d	Assistance for estt. of Self Help Eri Grainage units (SHEG)	Grainage	8,400	250	0.21	0.16	0.03	0.02	C
e	Mobile testing and certification units	No.	670,000	23	1.54	1.24	0.15	0.15	C
	Total for Eri Seed				11.73	9.03	1.64	1.06	

#	Name of the Scheme / Component	Unit	Unit Cost (Rupees)	Targets for XII Plan		Fund sharing			Object Head 'R' or 'C'
				Physical	Financial	CSB	State	Benef. / Fin. Instr.	
iii	Muga								
6	Assistance to Muga Private Graineurs	Graineur	255,000	140	3.57	2.79	0.39	0.39	C
a	Assistance to existing Muga Private Graineurs for upgradation of seed production capacity	Graineur	82,000	225	1.85	1.41	0.22	0.22	C
7	Assistance to State Deptts. for strengthening of Muga seed multiplication infrastructure (P2)	Farm cum Grainage	3,099,000	10	3.10	2.54	0.56		C
a	Assistance for estt. of Muga P3 Basic Seed Production unit	Rearer	2,035,000	6	1.22	0.90	0.16	0.16	C
b	Assistance to Muga Adopted Seed Rearers	Rearer	74,500	2900	21.61	16.98	2.32	2.31	C
	Total for Muga Seed				31.35	24.62	3.65	3.08	
	Total for Vanya Seed				91.80	69.52	12.08	10.20	
b)	Vanya Cocoon								
i	Tasar								
1	Support to rearers for Augmentation of Tasar Host Plantation	Ha.	40,000	12,000	48.00	34.56	6.72	6.72	R
a	Assistance to beneficiaries for raising Tasar food plant seedlings (Kisan Nurseries)	Nursery Units	80,000	300	2.40	1.73	0.33	0.34	R
b	Assistance to Tasar commercial rearers for development of Chawkie garden	Rearer	6,300	4,000	2.52	1.81	0.36	0.35	R
c	Assistance to Tasar rearers for maintenance of existing Chawkie plantation	Rearer	1,400	2,400	0.34	0.24	0.05	0.05	R
d	Assistance to Tasar rearers for maintenance of existing Tasar plantation	Ha.	17,000	1,200	2.04	1.47	0.29	0.28	R
e	Conservation and utilization of Sal based Tasar Eco-races.	No. of Camps	458,300	350	16.04	4.01	12.03		R
2	Assistance for raising and maintenance of systematic Oak Tasar Plantation	Ha.	49,000	200	0.98	0.78	0.10	0.10	R
3	Assistance for construction of Cocoon Storage Houses in Tasar sector	No.	100,000	100	1.00	0.69	0.16	0.15	C
	a) Assistance for construction of Cocoon Storage and stifling facilities for Tasar rearers	No.	2,220,000	30	1.66	1.22	0.22	0.22	C
			(Only 25% of the unit cost will be borne by CSB under CDP)						
	Total for Tasar Cocoon				74.98	46.51	20.26	8.21	

#	Name of the Scheme / Component	Unit	Unit Cost (Rupees)	Targets for XII Plan		Fund sharing			Object Head 'R' or 'C'	
				Physical	Financial	CSB	State	Benef. / Fin. Instrn.		
ii 4	Eri Support for Castor / Tapioca cultivators with Start-up tools	Acre	12,500	5,000	6.25	4.69	0.78	0.78	R	
5	Augmentation of perennial eri food plants with supply of start-up tools	Acre	31,000	7,000	21.70	16.26	2.72	2.72	R	
a	Assistance for raising Kesseru food plants nursery	Nursery units	51,000	150	0.77	0.57	0.10	0.10	R	
6	Assistance for construction of Rearing Houses	Nos.	100,000	11,600	116.00	81.10	18.10	16.80	C	
Total for Eri Cocoon						144.72	102.62	21.70	20.40	
iii 7	Muga Augmentation and maintenance of Muga food plants with start-up tools	Acre	31,000	6,000	18.60	14.51	2.05	2.04	R	
a	Assistance for raising Muga food plants nursery	Nursery units	52,500	120	0.63	0.47	0.08	0.08	R	
b	Assistance for maintenance of existing Muga food plantation	Acre	9,500	3,000	2.85	2.22	0.32	0.31	R	
Total for Muga Cocoon						22.08	17.20	2.45	2.43	
Total for Vanya Cocoon						241.78	166.33	44.41	31.04	
Total for Vanya Sector						333.58	235.85	56.49	41.24	
Revenue Head - 31						123.12	83.32	25.93	13.87	
Capital Head - 35						210.46	152.53	30.56	27.37	
Total for Mulberry & Vanya Sector						1540.28	711.85	351.57	476.86	
Revenue Head - 31						228.57	142.16	49.24	37.17	
Capital Head - 35						1311.71	569.69	302.33	439.69	

#	Name of the Scheme / Component	Unit	Unit Cost (Rupees)	Targets for XII Plan		Fund sharing			Object Head 'R' or 'C'
				Physical	Financial	CSB	State	Benef. / Fin. Instr.	
3	Post Cocoon Sector								
I	Reeling & Spinning								
A	Mulberry								
1	Support for construction of Reeling Sheds	Nos.							
a	Improved Cottage basin units								
(i)	36 ends unit (6 basins of 6 ends each)		540,000	35	1.89	0.92	0.35	0.62	C
(ii)	48 ends unit (6 basins of 8 ends each)		540,000	15	0.81	0.29	0.18	0.34	C
b	Multiend reeling units								
(i)	6 basins unit (10 ends per basin)		540,000	25	1.35	0.46	0.31	0.58	C
(ii)	10 basins unit (10 ends per basin)		720,000	200	14.40	4.67	3.31	6.42	C
2	Support for motorized charkha to dissuade child labour	Nos.	13000 to 14,000	1,000	1.31	0.73	0.29	0.29	C
3	Support for establishment of improved Cottage basin reeling units	Nos.							
a	36 ends unit (6 basins of 6 ends each)		354,000 to 368,000	35	1.25	0.79	0.23	0.23	C
b	48 ends unit (6 basins of 8 ends each)		393,000 to 408,000	15	0.60	0.34	0.13	0.13	C
4	Support for establishment of Multiend reeling units	Nos.							
a	6 basins unit (10 ends per basin)		1,105,000 to 1,149,000	25	2.78	1.52	0.63	0.63	C
b	10 basins unit (10 ends per basin)		1,405,000 to 1,461,000	200	28.21	15.27	6.47	6.47	C
c	Support for existing Multiend units for procurement of additional equipments / re-conditioning		364,000 to 374,000	Demand Dependant	1.83	0.97	0.43	0.43	C
5	Support for establishment of Automatic reeling units	Nos.							
a	200 ends unit		7,297,000	5	3.65	2.26	0.69	0.70	C
b	400 ends unit		13,500,000	15	20.25	10.13	5.06	5.06	C
6	Support for establishment of Automatic Dupion reeling units (142 ends)	Nos.	8,500,000	3	2.55	1.28	0.64	0.63	C

#	Name of the Scheme / Component	Unit	Unit Cost (Rupees)	Targets for XII Plan		Fund sharing			Object Head 'R' or 'C'
				Physical	Financial	CSB	State	Benef. / Fin. Instrn.	
7	Assistance for Twisting units (480 ends)	Nos.	786,000 to 817,000	125	9.87	7.45	0.09	2.33	C
8	Interest subsidy on working capital loan sanctioned by Banks to reeling units	Nos.	15,000 to 500,000	295	2.85	1.84	1.01	0.00	R
9	Incentive for production of Bivoltine silk	Kg.							
a	Gradable bivoltine silk reeled on Multiend reeling units (Rs.100/- per kg.)	Kg.	100	1,000,000	10.00	5.58	4.42	0.00	R
b	2 A grade & above bivoltine silk reeled on Automatic reeling units (Rs.150/- per kg.)	Kg.	150	1,000,000	15.00	7.80	7.20	0.00	R
	Sub Total for Mulberry (A)	--	--	--	118.60	62.30	31.44	24.86	
B	Vanya								
10	Support for Vanya reeling / spinning sector	Nos.							
a	Reeling cum twisting machines		45,000 to 47,000	3,000	13.91	9.71	2.10	2.10	C
b	Wet reeling machine (2 basins of 6 ends each)		46,000 to 48,800	100	0.48	0.36	0.06	0.06	C
c	Two in one Reeling cum Twisting machine		64,000 to 67,000	100	0.66	0.50	0.08	0.08	C
d	Tasar cocoon sorting machine for Co-operatives / SHGs		51,000 to 53,000	10	0.05	0.03	0.01	0.01	C
e	Motorised / Pedal operated spinning machine		7,000	4,500	3.15	2.13	0.51	0.51	C
f	Solar operated spinning machine		19,000	100	0.19	0.14	0.02	0.03	C
	Sub Total for Vanya (B)	--	--	--	18.44	12.87	2.78	2.79	
C	General (Mulberry- 70% & Vanya- 30%)								
11	Providing services of Master reelers/Technicians	Nos.							
a	Master reelers		144,000	50	0.72	0.72	0.00	0.00	R
b	Master Technicians		144,000	10	0.14	0.14	0.00	0.00	R
	Sub Total for General (C)	--	--	--	0.86	0.86	0.00	0.00	
	Total for Reeling & Spinning	--	--	--	137.90	76.03	34.22	27.65	

#	Name of the Scheme / Component	Unit	Unit Cost (Rupees)	Targets for XII Plan		Fund sharing			Object Head 'R' or 'C'
				Physical	Financial	CSB	State	Benef. / Fin. Instrn.	
II	Post Yarn (Mulberry- 70% & Vanya- 30%)								
12	Support for Handloom sector	Nos.							
a	Loom upgradation through jacquards and other equipments developed by CSTRI		15,000	5000	7.50	3.86	1.82	1.82	C
b	Pneumatic lifting mechanism for Handlooms developed by CSTRI								
(i)	2 Looms unit		33,000	1000	3.30	1.80	0.75	0.75	C
(ii)	4 Looms unit		50,000	1000	5.00	2.73	1.14	1.13	C
13	Support for setting up of Common Facility Centre for Yarn dyeing & Fabric processing (Special Technology Package developed by CSTRI)	Nos.							
a	Computer Aided Textile Designing (CATD)	Nos.	396,000	50	1.98	1.23	0.38	0.37	C
b	Tub Dyeing - 25 kg. capacity units		392,000	10	0.39	0.30	0.02	0.07	C
c	Tub Dyeing - 50 kg. capacity units		637,000	25	1.59	1.22	0.05	0.32	C
d	Arm Dyeing - 50 kg. capacity units		1,712,000	10	1.71	1.33	0.09	0.29	C
e	Fabric Processing - 250 kg capacity units		2,715,000	10	2.72	2.10	0.14	0.48	C
f	Support for effluent treatment plant for yarn dyeing and fabric processing units (Existing & new units)								
(i)	Zero discharge type (5000 litres / day)		700,000	25	1.75	1.32	0.02	0.41	C
(ii)	Discharge to ground type (5000 litres / day)		400,000	50	2.00	1.52	0.04	0.44	C
14	Providing services of Master Weavers / Designers / Technicians	Nos.							
a	Master Weavers / Designers		144,000	25	0.36	0.36	0.00	0.00	R
b	Master Dyers		144,000	25	0.36	0.36	0.00	0.00	R
c	Master Technicians		144,000	10	0.14	0.14	0.00	0.00	R
	Total for Post Yarn (Mulberry & Vanya)	--	--	--	28.80	18.27	4.45	6.08	

#	Name of the Scheme / Component	Unit	Unit Cost (Rupees)	Targets for XII Plan		Fund sharing			Object Head 'R' or 'C'
				Physical	Financial	CSB	State	Benef. / Fin. Instr.	
IV	Marketing (Mulberry- 70% & Vanya- 30%)								
15	Support to States for establishment of quality linked price support system for cocoons and raw silk (Rs.1.50 cr for Trad. & Rs.0.70 cr. for Non Trad. States.)	States / Agencies	Rs.1.50 cr. & Rs.0.70 cr.	15	14.50	11.94	2.56	0.00	C
16	Support for setting up of Hot air driers	Nos.							
a	50 kg. capacity units (Electrical)		132,000 to 137,000	300	4.03	2.53	0.75	0.75	C
b	100 kg. capacity units (Electrical)		182,000 to 189,000	200	3.72	2.42	0.65	0.65	C
c	50 kg. capacity units (Multifuel)		61,000 to 63,000	300	1.86	1.18	0.34	0.34	C
d	100 kg. capacity units (Multifuel)		81,000 to 84,000	200	1.66	1.08	0.29	0.29	C
e	2000 kg. capacity conveyor Hot air dryer (Imported)		2,288,000	3	0.69	0.55	0.07	0.07	C
17	Vanya Silk Market Promotion (VSMP) (100% meant for Vanya Sector)	--	Depends on Projects	Demand Dependant	1.00	1.00	0.00	0.00	R
	Total for Marketing				27.46	20.70	4.66	2.10	
	Total for Post Cocoon Sector				194.16	115.00	43.33	35.83	
	Revenue Head - 31				30.57	17.94	12.63	0.00	
	Capital Head - 35				163.59	97.06	30.70	35.83	
4	Support Services								
1	Crop Insurance Support (For all Sectors)	--	Lumpsum	All States	1.60	0.80	0.40	0.40	R
2	Publicity for Sericulture sector		Lumpsum	All States	10.60	8.00	2.60	0.00	R
3	Support for Studies / Consultancies / Surveys organised by CSB & States	--	Lumpsum	Demand Dependant	4.00	4.00	0.00	0.00	R
4	Product Design, Development & Diversification	--	Lumpsum	All States	0.50	0.50	0.00	0.00	R
5	Health Insurance Programme for sericulture farmers and workers	No of Policies	1,000	24,000	2.40	2.00	0.28	0.12	R

#	Name of the Scheme / Component	Unit	Unit Cost (Rupees)	Targets for XII Plan		Fund sharing			Object Head 'R' or 'C'
				Physical	Financial	CSB	State	Benef. / Fin. Instrn.	
6	Capacity building for sericulture sector (Includes all training and exposure visit to CSB, States and other Stakeholders)								
a	Beneficiary Empowerment Programme (BEP)	Nos.	3000 for Trg 2000 for Visit	4,000	1.35	0.95	0.40	0.00	R
b	Sericulture Resource Centres (SRC)	Nos.	250,000	16	0.40	0.28	0.12	0.00	C
c	Skill Training & Enterprise Development Programmes (STEP)	No. of Batches	Lumpsum (Variable)	60	1.00	1.00	0.00	0.00	R
7	Developing Community Based Organizations (CBOs) in line with Resham Doot Concept	No. of SHGs	1,77,100	1000	17.73	10.62	6.00	1.11	R
8	Support for Convergence Activities for Sericulture Development								
a	Cluster Development Projects	Cluster Projects	1,000,000	150	15.00	15.00	0.00	0.00	R
Total for Support Services					54.58	43.15	9.80	1.63	
5	Special Initiatives (Flexi Fund) - Token Provision		DD	All States	63.34	19.00	22.17	22.17	R
Revenue Head - 31					117.52	61.87	31.85	23.80	
Capital Head - 35					0.40	0.28	0.12	0.00	
Grand Total for CDP (1 to 5)					1852.36	889.00	426.87	536.49	
Revenue Head - 31					376.66	221.97	93.72	60.97	
Capital Head - 35					1475.70	667.03	333.15	475.52	

Note : Out of the CSB share of Rs.889.00 crore for CDP during XII Plan, Rs.266.00 crore (29.92%) is earmarked for NE Region

Share of Revenue Head	20%	25%	22%	11%
Share of Capital Head	80%	75%	78%	89%

Note: This is the master statement based on the calculations done with different unit costs for different zones and hence a combination of fund requirement for different States including sharing pattern of general and special status States.

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