



GOVERNMENT OF TAMIL NADU

**HANDLOOMS, HANDICRAFTS, TEXTILES
AND KHADI DEPARTMENT**

DEPARTMENT OF SERICULTURE

DEMAND NO. 18

**PERFORMANCE BUDGET
2013 - 2014**

DEPARTMENT OF SERICULTURE

PERFORMANCE BUDGET FOR 2013-2014

Tamil Nadu stands first among all other silk producing States in India, in the following 4 major activities of the industry.

- ★ The average cocoon production of the State per 100 silkworm layings is 71.5 Kg, whereas the National average is 60.0 Kg.
- ★ 32% of the silkworm layings are distributed as Chawkie (young) silkworms, which is the highest at National level.
- ★ In implementation of Cluster Promotion Programme, Tamil Nadu stands first at National level.
- ★ Out of total silk production 63.4% is bivoltine silk. Tamil Nadu is the leading State in the Country in this regard.

I. Cocoon yield per 100 Layings

There is increase in productivity of cocoons per 100 layings in recent years. Performance under this item for the past five years is furnished below:

Sl. No.	Year	Average Cocoon Yield per 100 Layings (in Kgs)
1	2009-2010	65.430
2	2010-2011	66.000
3	2011-2012	68.800
4	2012-2013	69.690
5	2013-2014	71.500

II. Chawkie Rearing Centres

Utilisation of chawkie worms by farmers is a proven concept, resulting in increased productivity and reduced failure of silkworm crops. There is a significant increase in usage of chawkie worms by Sericulturists.

Performance under this item for the past five years is furnished below:

Sl. No.	Year	Total Layings reared (Lakhs DFLs)	Chawkie reared (Lakh DFLs)	Percentage (%)	No. of Chawkie Rearing Centres
1	2009-2010	131.250	35.568	27	42
2	2010-2011	124.028	30.744	25	22
3	2011-2012	140.778	34.675	25	22
4	2012-2013	114.977	31.410	27	75
5	2013-2014	100.797	31.639	32	132

III. Cluster Approach under Cluster Promotion Programme

In Tamil Nadu, Cluster Promotion Programme was implemented in eight clusters, from the year 2008-2009 to 2011-2012, with Central Silk Board assistance.

Under this programme, schemes are taken up covering major areas of seed, cocoon and post-cocoon sectors. During the year 2013-2014, 20 clusters have been added, increasing the number of clusters to 28.

Achievement of the State in bivoltine silkworm rearing, cocoon production and bivoltine silk production under this programme for the past five years is furnished below:

Sl. No.	Year	Layings reared (in Lakhs)	Cocoon Production (in Metric Tonnes)	Silk Production (in Metric Tonnes)	Cocoon Yield per 100 Layings (in Kgs)
1	2009-2010	11.051	766.737	122.670	69.400
2	2010-2011	17.291	1,204.376	192.700	69.700
3	2011-2012	25.361	1,845.060	295.210	72.750
4	2012-2013	24.909	1,823.141	293.300	73.190
5	2013-2014	38.450	2,822.264	451.562	73.400

IV. Raw silk Production

Tamil Nadu sericulture farmers are in the forefront in adopting latest technologies in Mulberry cultivation and silkworm rearing. Thrust has been given to produce quality bivoltine silk in the State, by extending timely and adequate technical and financial assistance by the Department of Sericulture. Despite lesser rainfall, there is significant improvement in bivoltine silk production and in percentage of bivoltine silk out of total silk production during 2013-2014. Performance under this item for the past five years is furnished below:

Sl. No.	Year	Total Raw Silk production (in Metric Tonnes)	Bivoltine silk production (in Metric Tonnes)	Percentage of Bivoltine Silk production
1	2009-2010	1,233	350.80	28.5
2	2010-2011	1,182	414.00	35.0
3	2011-2012	1,418	592.20	41.7
4	2012-2013	1,185	575.50	48.6
5	2013-2014	1,120	710.63	63.4

The performance on important key areas in sericulture activities is furnished in table 1 to 7.

1. Cocoon Production

During the year 2013-2014, **7,206** Metric Tonnes of cocoons were produced. Performance under this item for the past five years is furnished below:

Sl. No.	Year	Cocoon production (in Metric Tonnes)
1	2009-2010	8,588
2	2010-2011	8,157
3	2011-2012	9,685
4	2012-2013	8,013
5	2013-2014	7,206

2. Government Silk Farms

(a) Farm Receipts

Based on the previous year's performance, availability of infrastructure facilities and potentiality of the Government Silk Farms, the activity of some of the farms are converted into seed cocoon production, raising mulberry saplings, Chawkie (young silkworms) and distribution to farmers to optimize the services rendered to the farmers. Performance under this item for the past five years is furnished below:

Sl. No.	Year	Farm Receipts (Rupees in Lakhs)
1	2009-2010	59.003
2	2010-2011	83.526
3	2011-2012	72.353
4	2012-2013	72.040
5	2013-2014	73.532

(b) Farmers training given at Government Silk Farms.

During the year 2013-2014, training in sericulture was imparted to **5,237** farmers in the Government Silk Farms of the Department. Farmers are trained in mulberry cultivation and silkworm rearing aspects, for a period of three days, in Government silk Farms.

Performance under this item for the past five years is furnished below:

Sl. No.	Year	Farmers trained
1	2009-2010	3,631
2	2010-2011	5,530
3	2011-2012	5,794
4	2012-2013	5,430
5	2013-2014	5,237

(c) Mulberry Saplings production in Government Silk Farms

During the year 2013-2014, **35.410** lakh numbers of mulberry saplings were produced in the Government Silk Farms of the Department. The saplings produced in these farms were utilized by the farmers for new plantation.

Performance under this item for the past five years is furnished below:

Sl. No.	Year	Saplings Production (in lakhs)
1	2009-2010	1.780
2	2010-2011	1.832
3	2011-2012	37.552
4	2012-2013	36.540
5	2013-2014	35.410

3. Collection of levy under Sericulture Development & Price Stabilisation Fund

A levy @ 0.75% on the value of cocoon transacted by the farmers & reelers, and on the value of the silk transacted by the seller and buyer is being collected and kept in the Sericulture Development & Price Stabilisation Fund.

The collection of levy for the past five years is furnished below:

Sl. No	Year	Levy collected (Rs. in Lakhs)
1	2009-2010	159.480
2	2010-2011	213.437
3	2011-2012	157.134
4	2012-2013	173.204
5	2013-2014	143.323

4. Post Cocoon Sector

For strengthening post cocoon sector, multi-pronged strategy has been adopted. Further, large numbers of new units were sanctioned in the State in past few years. The details of reeling units sanctioned under Catalytic Development Programme, for the past five years are furnished below:

Sl. No	Year	Charka / Motorised Charka		Cottage Basins		Multi-End Basins		Auto-matic Reeling Units		Hot Air Drier	Looms	TOTAL	
		Units	Devices	Units	Devices	Units	Devices	Units	Devices	Units	Devices	Units	Devices
1	2009-2010	-	-	-	-	-	-	1	40	3	500	4	540
2	2010-2011	-	-	-	-	2	20	-	-	10	6000	12	6020
3	2011-2012	-	-	-	-	-	-	-	-	10	5300	10	5300
4	2012-2013	-	-	10	60	2	20	-	-	5	-	17	80
5	2013-2014	-	-	-	-	12	120	-	-	-	-	12	120

5. Funds received from Central Silk Board & Government of Tamil Nadu

The details of allocation of funds by Central Silk Board and State Government for the past five years are furnished below:

Sl. No.	Year	(Rs. in Lakhs)		
		Central Silk Board	Government of Tamil Nadu	TOTAL
1	2009-2010	829.544	574.570	1,404.114
2	2010-2011	2,234.940	1,154.229	3,389.169
3	2011-2012	1,229.485	773.876	2,003.361
4	2012-2013	1,371.500	797.480	2,168.980
5	2013-2014	1,642.639	895.123	2,537.762

6. Tamil Nadu Sericulture Training Institute, Hosur

During the year 2013-2014, training in sericulture was imparted to **2,130 farmers** by the TamilNadu Sericulture Training Institute, Hosur. Intensive training on Bivoltine rearing is given to the farmers, for a period of five days.

Performance under this item for the past five years is furnished below:

Sl. No.	Year	Farmers Trained
1	2009-2010	1,417
2	2010-2011	1,981
3	2011-2012	2,039
4	2012-2013	2,173
5	2013-2014	2,130

7. Tamil Nadu Silk Producers Co-operative Federation Limited (TANSILK), Kancheepuram

During the year 2013-2014, a profit of **Rs.73.80 Lakhs** was earned by the Tamil Nadu Silk Producers Co-operative Federation Limited (TANSILK), Kancheepuram, by transacting raw silk and ready silk to the twister members.

Performance under this item for the past five years is furnished below:

Sl. No.	Year	Purchase		Sales		Net Profit (Rs. in Lakhs)
		Quantity (Metric Tonnes)	Value (Rs. in Lakhs)	Quantity (Metric Tonnes)	Value (Rs. in Lakhs)	
1	2009-2010	432	7766.99	431	7811.73	34.34
2	2010-2011	391	9318.17	387	9300.05	26.50
3	2011-2012	300	6256.85	298	6300.38	44.46
4	2012-2013	248	6576.83	255	6726.61	70.49
5	2013-2014	270	9095.25	267	9012.22	73.80