



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

**DEPARTMENT OF SERICULTURE**

**PERFORMANCE BUDGET**

**2014-2015**

**DEMAND NO.18**

**P.MOHAN  
HON'BLE MINISTER FOR RURAL INDUSTRIES  
AND LABOUR**

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Government of Tamilnadu  
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## DEPARTMENT OF SERICULTURE

### PERFORMANCE BUDGET FOR 2014-2015

Tamil Nadu continues to be leading state 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 73.90 Kg, whereas the National average is 54.59 Kg.**
- ★ **52 % of the silkworm layings distributed are Chawkie (young) silkworms.**
- ★ **In implementation of Cluster Promotion Programme.**
- ★ **Out of total silk production, 75.34 % is bivoltine silk. Tamil Nadu produced 1207 metric tones of bivoltine silk during 2014-2015 which is the highest in the country.**

#### I. Cocoon yield per 100 Layings

There is continuous increase in productivity of cocoons 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	2010-2011	66.000
2	2011-2012	68.800
3	2012-2013	69.690
4	2013-2014	71.500
5	2014-2015	73.900

## 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 steady and 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 (in lakhs )	Chawkie reared (in lakhs)	Percentage (%)	No. of Chawkie Rearing Centres
1	2010-2011	124.028	30.744	25	22
2	2011-2012	140.778	34.675	25	22
3	2012-2013	114.977	31.410	27	75
4	2013-2014	100.797	31.639	32	132
5	2014-2015	142.206	73.624	52	135

## III. Cluster Approach under Cluster Promotion Programme

In Tamil Nadu, Cluster Promotion Programme is implemented from the year 2008-2009. 28 clusters are functioning successfully since 2013 with Central Silk Board assistance.

Under this programme, schemes are taken up covering major areas of seed, cocoon and post-cocoon sectors.

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	2010-2011	17.291	1,204.376	192.700	69.700
2	2011-2012	25.361	1,845.060	295.210	72.750
3	2012-2013	24.909	1,823.141	293.300	73.190
4	2013-2014	38.450	2,822.264	451.562	73.400
5	2014-2015	55.852	4,218.997	692.020	75.540

#### 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. There is significant improvement in bivoltine silk production and in percentage of bivoltine silk out of total silk production during 2014-2015. 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 in total raw silk production
1	2010-2011	1,182	414.00	35.0
2	2011-2012	1,418	592.20	41.7
3	2012-2013	1,185	575.50	48.6
4	2013-2014	1,120	710.63	63.4
5	2014-2015	1,602	1,206.72	75.3

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

##### 1. Cocoon Production

During the year 2014-2015, **10,256** 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	2010-2011	8,157
2	2011-2012	9,685
3	2012-2013	8,013
4	2013-2014	7,206
5	2014-2015	10,256

## 2. Government Silk Farms

### (a) Farm Receipts

Based on the 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) rearing and distribution to farmers to optimize the services rendered to the farmers.

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

Sl. No.	Year	Farm Receipts (Rupees in Lakhs)
1	2010-2011	83.526
2	2011-2012	72.353
3	2012-2013	72.040
4	2013-2014	73.532
5	2014-2015	87.966

### (b) Farmers training given at Government Silk Farms

During the year 2014-2015, training in Sericulture was imparted to 6,860 farmers in the Government Silk Farms of the Department. Farmers are trained in mulberry cultivation and silkworm rearing aspects in Government silk Farms.

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

Sl. No.	Year	Farmers trained
1	2010-2011	5,530
2	2011-2012	5,794
3	2012-2013	5,430
4	2013-2014	5,237
5	2014-2015	6,860

**(c) Mulberry Saplings production in Government Silk Farms**

During the year 2014-2015, **39.337** lakh mulberry saplings were produced in the Government Silk Farms of the Department. The saplings produced in these farms are utilized by the farmers for raising new plantation.

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

<b>Sl. No.</b>	<b>Year</b>	<b>Saplings Production (in lakhs)</b>
<b>1</b>	<b>2010-2011</b>	<b>1.832</b>
<b>2</b>	<b>2011-2012</b>	<b>37.552</b>
<b>3</b>	<b>2012-2013</b>	<b>36.540</b>
<b>4</b>	<b>2013-2014</b>	<b>35.410</b>
<b>5</b>	<b>2014-2015</b>	<b>39.337</b>

**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 accrued in the Sericulture Development & Price Stabilisation Fund.

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

<b>Sl. No</b>	<b>Year</b>	<b>Levy collected (Rs. in Lakhs)</b>
<b>1</b>	<b>2010-2011</b>	<b>213.437</b>
<b>2</b>	<b>2011-2012</b>	<b>157.134</b>
<b>3</b>	<b>2012-2013</b>	<b>173.204</b>
<b>4</b>	<b>2013-2014</b>	<b>143.323</b>
<b>5</b>	<b>2014-2015</b>	<b>133.659</b>

#### 4. Post Cocoon Sector

For strengthening post cocoon sector, multi-pronged strategy has been adopted. Large numbers of new units have been 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 Charkas		Cottage Basins		Multi-End Basins		Auto-matic Reeling Units		Hot Air Driers	Looms	TOTAL	
		Units	Devices	Units	Devices	Units	Devices	Units	Devices	Units	Devices	Units	Devices
1	2010-2011	-	-	-	-	2	20	-	-	10	6000	12	6020
2	2011-2012	-	-	-	-	-	-	-	-	10	5300	10	5300
3	2012-2013	-	-	10	60	2	20	-	-	5	-	17	80
4	2013-2014	-	-	-	-	12	120	-	-	-	-	12	120
5	2014-2015	-	-	-	-	4	40	-	-	-	-	4	40

#### 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	Central Silk Board (Rs. in lakhs)	Government of Tamil Nadu (Rs. in lakhs)	TOTAL (Rs. in lakhs)
1	2010-2011	2,234.940	1,154.229	3,389.169
2	2011-2012	1,229.485	773.876	2,003.361
3	2012-2013	1,371.500	797.480	2,168.980
4	2013-2014	1,642.639	895.123	2,537.762
5	2014-2015	918.920	669.137	1,588.057

## 6. Tamil Nadu Sericulture Training Institute, Hosur

During the year 2014-2015, 5 days training in silkworm rearing to 1551 farmers and 15 days training in Silk reeling to 432 reeling workers have been given under Integrated Skill Development Scheme at Tamil Nadu Sericulture Training Institute, Hosur. 5 days training in silkworm rearing has also been conducted for 1000 farmers under Catalytic Developmet Programme.

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

Sl. No.	Year	No. of trainees trained
1	2010-2011	1,981
2	2011-2012	2,039
3	2012-2013	2,173
4	2013-2014	2,130
5	2014-2015	2,983

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

During the year 2014-2015, a profit of **Rs.88.00 lakhs** was earned by the Tamil Nadu Silk Producers Co-operative Federation Limited (TANSILK), Kancheepuram, by transacting raw silk and ready silk.

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	2010-2011	391	9318.17	387	9300.05	26.50
2	2011-2012	300	6256.85	298	6300.38	44.46
3	2012-2013	248	6576.83	255	6726.61	70.49
4	2013-2014	270	9095.25	267	9012.22	73.80
5	2014-2015	259	7859.07	262	8010.99	88.00

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