



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

**DEPARTMENT OF SERICULTURE**

**PERFORMANCE BUDGET  
2011 - 2012**

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**PERFORMANCE BUDGET FOR 2011-2012**

TamilNadu stands first among all the 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 68.80 Kg, where as the National average is 55.00 Kg.
- ★ 25% of the silkworm layings are distributed as Chawkie (young) silkworms, which is the highest at National level.
- ★ In implementation of Cluster Promotion Programme, TamilNadu stands first at National level.
- ★ TamilNadu produces 592.20 Metric Tons of Bivoltine silk and stands first at National level.

**I. Cocoon yield per 100 Layings**

There is increase in productivity of cocoons per 100 layings in recent years.

Performance under this item since 2007-2008 is as follows:

<b>Sl. No.</b>	<b>Year</b>	<b>Average Cocoon Yield per 100 Layings (in Kg)</b>
<b>1</b>	<b>2007-2008</b>	<b>63.900</b>
<b>2</b>	<b>2008-2009</b>	<b>64.800</b>
<b>3</b>	<b>2009-2010</b>	<b>65.430</b>
<b>4</b>	<b>2010-2011</b>	<b>66.000</b>
<b>5</b>	<b>2011-2012</b>	<b>68.800</b>

## II. Chawkie Rearing Centres

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

Performance under this item since 2007-2008 is as follows:

Sl. No.	Year	Total layings reared (Lakh DFLs)	Of which, Chawkie reared (Lakh DFLs)	Percentage (%)	No. of Chawkie Rearing Centres
1	2007-2008	154.567	40.391	26	34
2	2008-2009	152.778	41.007	27	35
3	2009-2010	131.250	35.568	27	42
4	2010-2011	124.028	30.744	25	22
5	2011-2012	140.778	34.675	25	22

## III. Cluster Approach under Cluster Promotion Programme

Cluster Promotion Programme is being implemented with Central Silk Board assistance. Under this programme, schemes are implemented in a package mode, covering major areas of seed, cocoon and post-cocoon sectors. Following eight (8) clusters have been taken up for Promotion of Bivoltine Sericulture in TamilNadu.

- ★ Udumalpet (Tiruppur),
- ★ Pollachi (Coimbatore),
- ★ Gobichettipalayam (Erode),
- ★ Bhavani (Erode),
- ★ Berigai (Krishnagiri),
- ★ Uthangarai (Krishnagiri),
- ★ Sanarpatty (Dindigul) and
- ★ Palani (Dindigul).

Achievement of the State in bivoltine silkworm rearing, cocoon production and bivoltine silk production under this programme is as indicated below:

<b>Sl. No.</b>	<b>Year</b>	<b>Layings reared (Lakh Nos)</b>	<b>Cocoon Production (in Metric Tons)</b>	<b>Silk Production (in Metric Tons)</b>	<b>Cocoon Yield per 100 Layings (in Kg)</b>
<b>1</b>	<b>2008-2009</b>	<b>4.425</b>	<b>289.400</b>	<b>44.500</b>	<b>65.400</b>
<b>2</b>	<b>2009-2010</b>	<b>11.051</b>	<b>766.737</b>	<b>122.670</b>	<b>69.400</b>
<b>3</b>	<b>2010-2011</b>	<b>17.291</b>	<b>1204.376</b>	<b>192.700</b>	<b>69.700</b>
<b>4</b>	<b>2011-2012</b>	<b>25.361</b>	<b>1845.060</b>	<b>295.210</b>	<b>72.750</b>

#### **IV. Raw silk Production**

Performance under this item since 2007-2008 is as follows:

<b>Sl. No.</b>	<b>Year</b>	<b>Total Raw Silk production (in Metric Tons)</b>	<b>Of which, Bivoltine silk production (in Metric Tons)</b>	<b>Percentage of Bivoltine Silk production</b>
<b>1</b>	<b>2007-2008</b>	<b>1,368</b>	<b>321.80</b>	<b>23.5</b>
<b>2</b>	<b>2008-2009</b>	<b>1,411</b>	<b>377.15</b>	<b>26.7</b>
<b>3</b>	<b>2009-2010</b>	<b>1,233</b>	<b>350.80</b>	<b>28.5</b>
<b>4</b>	<b>2010-2011</b>	<b>1,182</b>	<b>414.00</b>	<b>35.0</b>
<b>5</b>	<b>2011-2012</b>	<b>1,418</b>	<b>592.20</b>	<b>41.7</b>

TamilNadu 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 input by the Department of Sericulture.

The performance on important key areas in sericulture activities is furnished in table 1 to 8.

### 1. Mulberry Expansion

During the year 2011-2012, 5120 acres have been brought under mulberry cultivation. Performance under this item since 2007-2008 is as follows:

Sl. No.	Year	Achievement (Area in acres)
1	2007-2008	10,411
2	2008-2009	10,037
3	2009-2010	8,031
4	2010-2011	7,550
5	2011-2012	5,120

### 2. Cocoon Production

During the year 2011-2012, 9685 Metric Tons of cocoons were produced. Performance under this item since 2007-2008 is as follows:

Sl. No.	Year	Achievement (in Metric Tons)
1	2007-2008	9,676
2	2008-2009	9,949
3	2009-2010	8,588
4	2010-2011	8,157
5	2011-2012	9,685

### 3. Farm Receipts

Based on the previous year 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 and Chawkie (young silkworms) distribution to farmers etc., to optimize the services rendered to the farmers. Due to fall in price of cocoon, there is shortfall in revenue during 2011-2012.

Performance under this item since 2007-2008 is as follows:

Sl. No.	Year	Farm Receipts (Rupees in Lakh.)
1	2007-2008	40.202
2	2008-2009	51.384
3	2009-2010	59.003
4	2010-2011	83.526
5	2011-2012	72.353

#### 4. Collection of levy under Sericulture Development & Price Stabilisation Fund (SD&PSF)

The collection of levy since 2007-2008 is as follows:

Sl. No	Year	Levy collected (Rs. in lakh)
1	2007-2008	102.680
2	2008-2009	133.150
3	2009-2010	159.480
4	2010-2011	213.437
5	2011-2012	157.134

Due to fall in price of cocoon and raw silk, the levy collection in Government Cocoon Markets & Silk Exchange has come down during 2011-2012, when compared with previous years.

#### 5. Health insurance to Women Sericulturists

The scheme "Health insurance to Women sericulturists" is implemented to provide social security measures to women sericulturists and their family members. Through this, the families of the beneficiaries can avail medical treatment in empanelled hospitals at free of cost. Annual coverage limit per family would be Rs.20,000/-, which include Out Patient and hospital treatment. During the year 2011-12, 244 beneficiaries availed medical claims for Rs.9,43,788 /-

Number of beneficiaries assisted since 2008-2009 is given below:

Sl. No	Year	No. of beneficiaries covered	Premium Amount (Rs. in lakh)
1	2008-2009	1,370	9.561
2	2009-2010	4,000	28.465
3	2010-2011	26,000	199.494
4	2011-2012	20,000	153.456

#### 6. Silkworm Crop Insurance

With a view to encourage farmers to take up silkworm rearing, a scheme has been introduced, to provide Crop Insurance to sericulture farmers of the State. Under this scheme, 9,000 farmers were benefited to rear 9.00 lakhs silkworm layings to the tune of Rs.16.335 lakhs during 2011-12. Under silkworm crop insurance scheme, 18 farmers availed claim benefits of Rs.3.052 lakhs, of which, 7 farmers of Villupuram district, whose silkworm rearing sheds were damaged in "THANE" cyclone were provided relief to the tune of Rs.1.17 lakhs.

## 7. Post Cocoon Sector

For strengthening post cocoon sector, multi-pronged strategy has been adopted. Under this strategy, large numbers of new units were sanctioned in the State. The details of reeling units sanctioned under Catalytic Development Programme is as follows:

Sl. No	Year	Charka / Motorised Charka		Cottage Basin		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	2007-2008	-	-	22	110	14	140	-	-	5	-	41	250
2	2008-2009	-	-	-	-	5	50	1	40	15	-	21	90
3	2009-2010	-	-	-	-	-	-	1	40	3	500	4	540
4	2010-2011	-	-	-	-	2	20	-	-	10	6000	12	6020
5	2011-2012	-	-	-	-	-	-	-	-	10	5300	10	5300

## 8. Funds received from Central Silk Board & Government of TamilNadu.

The details of allocation of funds by Central Silk Board and State Government for the past 5 years are furnished below:

Sl. No.	Year	Central Silk Board (Rs. in Lakh)	Government of TamilNadu (Rs. in Lakh)	TOTAL (Rs. in Lakh)
1	2007-2008	684.014	485.133	1,169.147
2	2008-2009	903.878	787.119	1,690.997
3	2009-2010	829.544	574.570	1,404.114
4	2010-2011	2234.940	1154.229	3,389.169
5	2011-2012	1229.485	773.876	2,003.361