



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

**DEPARTMENT OF SERICULTURE**

**PERFORMANCE BUDGET**

**2021-2022**

**DEMAND NO.18**

**T.M.ANBARASAN**

**MINISTER FOR MICRO, SMALL AND MEDIUM ENTERPRISES**

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**Government of Tamilnadu**  
**2022**

**DEPARTMENT OF SERICULTURE**  
**PERFORMANCE BUDGET FOR 2021-2022**

Tamil Nadu continues to be a leading State among all other silk producing States in India, in the following major activities of the Industry.

- ★ **Out of the total silk production (2,373 Metric Tonnes), 97% is bivoltine silk. 2,299 metric tonnes of bivoltine silk was produced in Tamil Nadu during 2021-2022.**
- ★ **The average cocoon production of the State per 100 silkworm layings is 81.000 Kg, whereas the National average for 2020-2021 is 66.820 Kg.**
- ★ **Implementation of Cluster Promotion Programme.**

**I. Cocoon yield per 100 Layings**

There is a continuous increase in productivity of cocoons per 100 layings in the recent years. Performance under cocoon yield per 100 layings in the past five years is furnished below:

<b>S.No.</b>	<b>Year</b>	<b>Average Cocoon Yield per 100 Layings (in KG)</b>
<b>1</b>	<b>2017-2018</b>	<b>80.000</b>
<b>2</b>	<b>2018-2019</b>	<b>78.000</b>
<b>3</b>	<b>2019-2020</b>	<b>79.000</b>
<b>4</b>	<b>2020-2021</b>	<b>80.000</b>
<b>5</b>	<b>2021-2022</b>	<b>81.000</b>

## II. Chawkie Rearing Centres

Utilisation of chawkie worms by farmers for better cocoon harvest 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 distribution of chawkie worms in the past five years is furnished below:

S.No.	Year	Total Layings reared (in lakh)	Chawkie reared (in lakh)	Percentage (%)
1	2017-2018	155.000	123.116	79
2	2018-2019	168.025	135.928	81
3	2019-2020	170.781	140.313	82
4	2020-2021	144.978	125.384	86
5	2021-2022	184.655	167.310	91

## III. Cluster Approach under Cluster Promotion Programme

In Tamil Nadu, Cluster Promotion Programme has been implemented during the year 2008-2009. 28 clusters are functioning successfully since 2013.

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

S. No.	Year	Layings reared (in lakh)	Cocoon Production (in MT)	Silk Production (in MT)	Cocoon Yield per 100 Layings (in KG)
1	2017-2018	73.642	5,948.754	951.800	80.779
2	2018-2019	81.743	6,548.436	1,047.749	80.110
3	2019-2020	95.568	7,779.268	1,244.682	81.400
4	2020-2021	86.629	7,114.571	1,138.331	82.127
5	2021-2022	108.445	8,899.390	1,423.902	82.063

#### **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. Through the extension of adequate technical and financial assistance by the Department of Sericulture, there is significant improvement in bivoltine silk production and increase in percentage of bivoltine silk out of total silk production during 2021-2022. Performance under this component for the past five years is furnished below:

<b>S. No.</b>	<b>Year</b>	<b>Total Raw silk production (in Metric Tonnes)</b>	<b>Bivoltine silk production (in Metric Tonnes)</b>	<b>Percentage of Bivoltine silk in total raw silk production</b>
<b>1</b>	<b>2017-2018</b>	<b>1,984</b>	<b>1,775</b>	<b>89</b>
<b>2</b>	<b>2018-2019</b>	<b>2,073</b>	<b>1,926</b>	<b>93</b>
<b>3</b>	<b>2019-2020</b>	<b>2,154</b>	<b>2,037</b>	<b>95</b>
<b>4</b>	<b>2020-2021</b>	<b>1,834</b>	<b>1,754</b>	<b>96</b>
<b>5</b>	<b>2021-2022</b>	<b>2,373</b>	<b>2,299</b>	<b>97</b>

The performance of important key areas in Sericulture activities is furnished below in Tables 1 to 8:

##### **1. Cocoon Production**

During the year 2021-2022, **14,894 Metric Tonnes** of cocoons were produced. Performance in the past five years is furnished below:

<b>S.No.</b>	<b>Year</b>	<b>Cocoon production (in Metric Tonnes)</b>
<b>1</b>	<b>2017-2018</b>	<b>12,544</b>
<b>2</b>	<b>2018-2019</b>	<b>13,072</b>
<b>3</b>	<b>2019-2020</b>	<b>13,559</b>
<b>4</b>	<b>2020-2021</b>	<b>11,543</b>
<b>5</b>	<b>2021-2022</b>	<b>14,894</b>

## 2. Government Silk Farms

### (a) Farm Receipts

To optimize the services rendered to the farmers, the activities of some of the Government Silk Farms have been directed into seed cocoon production, commercial cocoon production, raising mulberry saplings and Chawkie (young silkworms) rearing.

Performance regarding income generated from the Government Silk Farms in the past five years is furnished below:

S.No.	Year	Farm Receipts (Rs. in lakh)
1	2017-2018	93.510
2	2018-2019	74.114
3	2019-2020	72.786
4	2020-2021	80.950
5	2021-2022	95.274

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

During the year 2021-2022, training in Sericulture was imparted to **6,624 farmers** in the Government Silk Farms of the Department. Farmers were trained in Government Silk Farms in mulberry cultivation and silkworm rearing to improve productivity.

Performance of the Government Silk Farms in the past five years is furnished below:

S.No.	Year	No. of Farmers trained
1	2017-2018	6,764
2	2018-2019	7,406
3	2019-2020	8,018
4	2020-2021	6,585
5	2021-2022	6,624

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

During the year 2021-2022, **48.011 lakh** mulberry saplings were produced in the Government Silk Farms of the Department. The saplings produced in these farms were utilized by the farmers for raising new plantations.

Performance of the Government Silk Farms in the past five years is furnished below:

<b>S.No.</b>	<b>Year</b>	<b>Saplings Production (in lakh)</b>
<b>1</b>	<b>2017-2018</b>	<b>54.979</b>
<b>2</b>	<b>2018-2019</b>	<b>46.889</b>
<b>3</b>	<b>2019-2020</b>	<b>41.840</b>
<b>4</b>	<b>2020-2021</b>	<b>46.010</b>
<b>5</b>	<b>2021-2022</b>	<b>48.011</b>

**3. Collection of levy under Sericulture Development and Price Stabilisation Fund**

A levy @ 0.75% on the value of cocoon transacted by both the farmers and reelers and on the value of the raw silk transacted by both the sellers and buyers in Government Cocoon Markets and Government Anna Silk Exchange respectively is being collected and subsumed into the Sericulture Development and Price Stabilisation Fund. This fund is being utilized for infrastructure development of the department and implementing welfare schemes for the Sericulture stakeholders.

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

**(Rs. in lakh)**

<b>S. No</b>	<b>Year</b>	<b>Opening Balance</b>	<b>Levy collected</b>	<b>Total</b>	<b>Fund sanctioned for department schemes</b>
<b>1</b>	<b>2017-2018</b>	<b>536.250</b>	<b>193.374</b>	<b>729.624</b>	<b>183.740</b>
<b>2</b>	<b>2018-2019</b>	<b>607.540</b>	<b>182.544</b>	<b>790.084</b>	<b>205.440</b>
<b>3</b>	<b>2019-2020</b>	<b>588.433</b>	<b>160.941</b>	<b>749.374</b>	<b>344.759</b>
<b>4</b>	<b>2020-2021</b>	<b>393.433</b>	<b>193.443</b>	<b>586.876</b>	<b>167.397</b>
<b>5</b>	<b>2021-2022</b>	<b>430.620</b>	<b>247.551</b>	<b>678.171</b>	<b>151.976</b>

#### 4. Post Cocoon Sector

For strengthening post cocoon sector, multipronged strategy has been adopted. The details of reeling units sanctioned under Central Sector Scheme, for the past five years are furnished below:

S. No	Year	Charka / Motorised Charka		Cottage Basins		Multi-End Basins		Automatic Reeling Units		TOTAL
		Units	Devices	Units	Devices	Units	Devices	Units	Ends	Units
1	2017-2018	-	-	-	-	25	250	5	1542	30
2	2018-2019	-	-	-	-	-	-	-	-	-
3	2019-2020	-	-	-	-	1	10	6	2000	7
4	2020-2021	-	-	-	-	-	-	2	542	2
5	2021-2022	-	-	-	-	-	-	-	-	-

#### 5. Funds received from Central Silk Board and 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:

S. No.	Year	Central Silk Board (Rs. in lakh)	Government of Tamil Nadu (Rs. in lakh)	TOTAL (Rs. in lakh)
1	2017-2018	607.455	1,820.490	2,427.945
2	2018-2019	1,122.920	2,622.034	3,744.954
3	2019-2020	1,493.559	2,575.840	4,069.398
4	2020-2021	1,449.832	2,055.081	3,504.913
5	2021-2022	1,924.177	2,539.549	4,463.726

## 6. Tamil Nadu Sericulture Training Institute, Hosur

During the year 2021-2022, one week training programme was also organized in silkworm rearing to **1,101 farmers** under Central Sector scheme.

Performance in the past five years is furnished below:

S.No.	Year	No. of trainees trained
1	2017-2018	1,956
2	2018-2019	2,088
3	2019-2020	1,745
4	2020-2021	263
5	2021-2022	1,101

## 7. Government Anna Silk Exchange, Kancheepuram

During the year 2021-2022, a sum of **Rs.40.39 lakh** has been collected as levy in Government Anna Silk Exchange, Kancheepuram by transacting 86.738 Metric Tonnes of raw silk to the twisters and Master weavers.

Performance of Government Anna Silk Exchange, Kancheepuram is furnished below:

S. No.	Year	Purchase		Sales		Levy collected (Rs. in lakh)
		Quantity (Metric Tonnes)	Value (Rs. in lakh)	Quantity (Metric Tonnes)	Value (Rs. in lakh)	
1	2017-2018	71.469	2,529.53	71.469	2,529.53	37.94
2	2018-2019	87.810	2,471.25	87.810	2,471.25	37.20
3	2019-2020	74.046	2,179.41	74.046	2,179.41	33.38
4	2020-2021	74.650	1,917.43	74.650	1,917.43	28.76
5	2021-2022	86.738	2,692.73	86.738	2,692.73	40.39



**8. Tamil Nadu Co-operative Silk Producers' Federation Limited (TANSILK),  
Kancheepuram**

During the year 2021-2022, approximate profit of Rs.72.17 lakh was earned by the Tamil Nadu Co-operative Silk Producers' Federation Limited (TANSILK), Kancheepuram, by transacting raw silk (including dupion silk) and ready silk to the Handloom Silk Weavers Cooperative Societies, Tamil Nadu Khadi Village Industries Board and Sarvodaya Sangh of Tamil Nadu.

Performance of TANSILK in the past five years is furnished below:

S. No.	Year	Purchase		Sales	
		Quantity (Metric Tonnes)	Value (Rs. in lakh)	Quantity (Metric Tonnes)	Value (Rs. in lakh)
1	2017-2018	223	9,035.43	222	8,923.83
2	2018-2019	213	7,192.50	218	7,416.67
3	2019-2020	204	6,955.51	206	7,006.80
4	2020-2021	162	5,014.30	162	5,042.62
5	2021-2022	185	7,314.77	186	7,342.78

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