



HANDLOOMS, HANDICRAFTS, TEXTILES AND KHADI DEPARTMENT

DEPARTMENT OF SERICULTURE

PERFORMANCE BUDGET

2016-2017

DEMAND NO.18

**P. BENJAMIN
MINISTER FOR RURAL INDUSTRIES**

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Government of Tamilnadu
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DEPARTMENT OF SERICULTURE

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

- ★ **The average cocoon production of the State per 100 silkworm layings is 78 Kg., whereas the National average is 59.50 kg.**
- ★ **Out of the total silk production, 85% is bivoltine silk. 1,627 metric tonnes of bivoltine silk produced in Tamil Nadu during 2016-2017.**
- ★ **Implementation of Cluster Promotion Programme.**

I. Cocoon yield per 100 Layings

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

S.No.	Year	Average Cocoon Yield per 100 Layings (in Kgs)
1	2012-2013	69.690
2	2013-2014	71.500
3	2014-2015	73.900
4	2015-2016	77.000
5	2016-2017	78.000

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 for the past five years is furnished below:

S.No.	Year	Total Layings reared (in lakh)	Chawkie reared (in lakh)	Percentage (%)	No. of Chawkie Rearing Centres
1	2012-2013	114.977	31.410	27	75
2	2013-2014	100.797	31.639	32	132
3	2014-2015	142.206	73.624	52	135
4	2015-2016	162.382	104.420	64	135
5	2016-2017	153.206	118.681	77	135

III. Cluster Approach under Cluster Promotion Programme

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

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:

S.No.	Year	Layings reared (in lakh)	Cocoon Production (in Metric Tonnes)	Silk Production (in Metric Tonnes)	Cocoon Yield per 100 Layings (in Kgs)
1	2012-2013	24.909	1,823.141	293.300	73.190
2	2013-2014	38.450	2,822.264	451.562	73.400
3	2014-2015	55.852	4,218.997	692.020	75.540
4	2015-2016	76.389	5,965.100	954.416	78.088
5	2016-2017	75.909	5,948.763	951.802	78.370

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 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 2016-2017. Performance under this component for the past five years is furnished below:

S. 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	2012-2013	1,185	575.50	48.6
2	2013-2014	1,120	710.63	63.4
3	2014-2015	1,602	1,206.72	75.3
4	2015-2016	1,897	1,531.75	80.7
5	2016-2017	1,914	1,627.00	85.0

The performance on important key areas in Sericulture activities is furnished in table 1 to 8 below:

1. Cocoon Production

During the year 2016-2017, **12,154** Metric Tonnes of cocoons were produced. Performance for the past five years is furnished below:

S.No.	Year	Cocoon production (in Metric Tonnes)
1	2012-2013	8,013
2	2013-2014	7,206
3	2014-2015	10,256
4	2015-2016	12,043
5	2016-2017	12,154

2. Government Silk Farms

(a) Farm Receipts

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

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

S.No.	Year	Farm Receipts (Rs. in Lakh)
1	2012-2013	72.040
2	2013-2014	73.532
3	2014-2015	87.966
4	2015-2016	95.340
5	2016-2017	86.938

(b) Farmers training at Government Silk Farms

During the year 2016-2017, training in Sericulture was imparted to **6,178** farmers in the Government Silk Farms of the Department. Farmers are trained in Government Silk Farms in mulberry cultivation and silkworm rearing to improve productivity.

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

S.No.	Year	Farmers trained
1	2012-2013	5,430
2	2013-2014	5,237
3	2014-2015	6,860
4	2015-2016	6,060
5	2016-2017	6,178

(c) Mulberry Saplings production in Government Silk Farms

During the year 2016-2017, **44.347** 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 for the past five years is furnished below:

S.No.	Year	Saplings Production (in lakh)
1	2012-2013	36.540
2	2013-2014	35.410
3	2014-2015	39.337
4	2015-2016	42.443
5	2016-2017	44.347

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

A levy @ 0.75% on the value of cocoon transacted by the farmers and reelers and on the value of the raw silk transacted by the sellers and buyers in Government Cocoon Markets and Anna Silk Exchange, Kancheepuram is being collected and added in the Sericulture Development and Price Stabilisation Fund.

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

S.No	Year	Levy collected (Rs. in Lakh)
1	2012-2013	203.523
2	2013-2014	157.500
3	2014-2015	137.972
4	2015-2016	153.394
5	2016-2017	180.115

4. Post Cocoon Sector

For strengthening post cocoon sector, multi-pronged strategy has been adopted. The details of reeling units sanctioned under Catalytic Development Programme / Central Sector Scheme, for the past five years are furnished below:

S.No	Year	Charka / Motorised Charka		Cottage Basins		Multi-End Basins		Auto-matic Reeling Units		Hot Air Driers	Looms	TOTAL	
		Units	Devices	Units	Devices	Units	Devices	Units	Devices	Units	Nos	Units	Devices
1	2012-2013	-	-	10	60	2	20	-	-	5	-	17	80
2	2013-2014	-	-	-	-	12	120	-	-	-	-	12	120
3	2014-2015	-	-	-	-	4	40	-	-	-	-	4	40
4	2015-2016	-	-	-	-	5	50	2	600	-	-	7	650
5	2016-2017	-	-	-	-	2	20	2	600	-	-	4	620

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	2012-2013	1,371.500	797.480	2,168.980
2	2013-2014	1,642.639	895.123	2,537.762
3	2014-2015	918.920	669.134	1,588.054
4	2015-2016	470.840	2,522.040	2,992.880
5	2016-2017	823.186	1,791.000	2,614.186

Ministry of Textiles has restricted the funds released to State during 2016-2017 and restructured Catalytic Development Programme to Central Sector Scheme. Government of Tamil Nadu have stepped up allocation of funds to compensate the reduced allocation of funds by Ministry of Textiles, Government of India.

6. Tamil Nadu Sericulture Training Institute, Hosur

During the year 2016-2017, one week training was imparted in silkworm rearing to 1580 farmers and 15 days training was organised in silk reeling to 220 reeling workers under Integrated Skill Development Scheme. One week training programme was also organized in silkworm rearing to 2060 farmers under Central Sector scheme. Further 40 farmers were trained in silkworm rearing for three days under ATMA (Agricultural Technological Management Agency) Scheme.

Performance for the past five years is furnished below:

S.No.	Year	No. of trainees trained
1	2012-2013	2,173
2	2013-2014	2,130
3	2014-2015	2,983
4	2015-2016	1,561
5	2016-2017	3,900

7. Government Anna Silk Exchange, Kancheepuram

During the year 2016-2017, profit of Rs.36.76 lakh was earned by the Government Anna Silk Exchange, Kancheepuram by transacting raw silk to twisters and Master weavers.

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

S. No.	Year	Purchase		Sales		Net Profit (Rs. in lakh)
		Quantity (Metric Tonnes)	Value (Rs. in lakh)	Quantity (Metric Tonnes)	Value (Rs. in lakh)	
1	2012-2013	61.885	1401.07	61.885	1401.07	21.02
2	2013-2014	81.577	2441.07	81.577	2441.07	36.62
3	2014-2015	94.272	2397.19	94.272	2397.19	35.96
4	2015-2016	89.756	2021.37	89.756	2021.37	30.47
5	2016-2017	81.520	2450.21	81.520	2450.21	36.76

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

During the year 2016-2017, profit of Rs.91.89 lakh was earned by the Tamil Nadu Co-operative Silk Producers' Federation Limited (TANSILK), Kancheepuram, by transacting raw silk and ready silk to the twister members.

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

S. No.	Year	Purchase		Sales		Net Profit (Rs. in lakh)
		Quantity (Metric Tonnes)	Value (Rs. in lakh)	Quantity (Metric Tonnes)	Value (Rs. in lakh)	
1	2012-2013	248	6576.83	255	6726.61	70.49
2	2013-2014	270	9095.25	267	9012.22	73.80
3	2014-2015	259	7859.07	262	8010.99	88.00
4	2015-2016	300	8412.04	304	8552.00	107.73
5	2016-2017	263	9071.64	263	9091.39	91.89

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