



**ANIMAL HUSBANDRY, DAIRYING,
FISHERIES AND
FISHERMEN WELFARE DEPARTMENT**

DAIRY DEVELOPMENT

**POLICY NOTE
2024-2025**

DEMAND NO.8

T. MANO THANGARAJ

MINISTER FOR MILK AND DAIRY
DEVELOPMENT

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Government of Tamil Nadu
2024

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DAIRY DEVELOPMENT DEPARTMENT

POLICY NOTE 2024-2025

1. INTRODUCTION

Dairy production is one of the major livelihood activities for the rural economy of India, generating gainful employment, particularly among the landless, small and marginal farmers and women, besides providing nutritious food to millions of people.

Dairying is a major contributing factor to the livelihood of farmers in a number of ways including income from milk and milk products, insurance against draught, emergency cash requirements, household nutrition etc.

Dairying plays a central role in the natural resource based livelihood for the vast majority of the population, which is mostly confined to rural areas.

Dairy sector is a thriving enterprise in Indian agriculture showing colossal growth responsible for placing the country at the top

position worldwide in milk production, with a total milk production of 230.58 million tonnes in 2022-23.

The milk production has increased by 3.83% in 2022-23 over the previous year. In India, the percapita availability of milk is 459 grams per day in 2022-23.

As per Basic Animal Husbandry Statistics 2023, milk production in Tamil Nadu is 10.32 million tonnes during 2022-23, contributing a share of 4.47% of total milk production in the country. The milk production in Tamil Nadu has increased during this period by 2.07% when compared to 2021-22.

The per capita availability of milk in Tamil Nadu has increased from 316 grams per day in 2019-20 to 369 grams per day during 2022-23.

2. DAIRY DEVELOPMENT DEPARTMENT

To develop and coordinate the dairy activities in Tamil Nadu, Dairy Development Department was formed during the year 1958.

From 01.08.1965, the administrative and statutory control of all Dairy Co-operative Societies was transferred to the Dairy Development Department from the Co-operative Department.

The Tamil Nadu Dairy Development Corporation was formed in the year 1972 under the Companies Act, to manage all the commercial activities of the department.

In 1981, Tamil Nadu Government adopted three-tier milk co-operative system. Consequently, all the activities of the Tamil Nadu Dairy Development Corporation were transferred to the apex level society i.e., Tamil Nadu Co-operative Milk Producers' Federation which was registered under Tamil Nadu Co-operative Societies Act.

The Director for Milk Production and Dairy Development serves as both the functional Registrar for all dairy cooperative societies in Tamil Nadu as well as head of the

Dairy Development Department.

2.1 Vision statement of the Department:

- To create sustainable and progressive dairy sector focusing on increasing the milk production in the State
- Adopting innovative practices to improve milk production
- providing fair price to the farmers
- Swift procurement system to maintain quality from farm gate to consumers
- Robust infrastructure for processing of milk and milk products
- Ensuring of high quality dairy products for consumers
- Improving the socio-economic conditions of the milk producing farmers and self reliance among the farmer producers.

2.2 Mission:

2.2.1. Enhance Per Animal Productivity:

- Reduce the inter-calving period.
- Improve breeds for better performance.

- Increase fertility rates.
- Provide nutritious, balanced feed at affordable prices.

2.2.2. Ensure Transparent Payment Systems:

- Implement spot acknowledgment for payments.
- Facilitate direct bank payments to farmers.
- Offer additional incentives for high-quality milk production.

2.2.3. Increase Milk Processing Capacity:

- Utilize modern, energy-efficient technologies.

2.2.4. Implement Innovative Packaging:

- Use attractive and environmentally friendly packaging solutions.
- Ensure packaging maintains the quality of dairy products.

2.2.5. Maintain a Continuous Cold Chain:

- Ensure a cold chain from farm gate to consumer to uphold the highest product standards.

2.2.6. Provide Comprehensive Training:

- Train employees using the latest technologies and optimize human resource potential.
- Educate farmers on the latest techniques, scientific advancements, and nutrition factors.
- Promote adherence to Sustainable Development Goals (SDGs).

2.2.7. Foster Economic and Environmental Sustainability:

- Develop a dairy sector that makes a substantial contribution to the State's GDP, ensuring all practices are both economically viable and environmentally sustainable.

2.3 ADMINISTRATIVE STRUCTURE OF DAIRY DEVELOPMENT DEPARTMENT

The Commissioner / Director of Milk Production and Dairy Development is the Head of the Dairy Development Department which is functioning under the Animal Husbandry, Dairying, Fisheries and Fishermen Welfare Department of the Tamil Nadu Government.

Further, as the Registrar of Dairy Co-operative Societies, the Commissioner / Director of Milk Production and Dairy Development is empowered under the provisions of the Tamil Nadu Co-operative Societies Act, 1983 and the Tamil Nadu Co-operative Societies Rules 1988 to perform various activities such as registering new Dairy Co-operative Societies, reviving dormant societies, inspecting Dairy Co-operative Societies, settlement of disputes, conducting statutory activities such as holding elections to elect the Board of Directors for the

management of the all the three tier Co-operatives and issuing appropriate instructions in the interest of the public, etc.

The Director for Milk Production and Dairy Development is assisted by one Additional Milk Commissioner, One Deputy Milk Commissioner (Co-Operation), one Deputy Registrar (Head Quarters) and one Deputy Registrar (Statutory).

In district level, there are 29 circle offices functioning, which covers 38 revenue districts. Each circle office is headed by Deputy Registrar (Dairying). Also, Co-operative Sub-Registrars and Senior Inspectors are working in the field level.

2.4. FUNCTIONS OF THE DAIRY DEVELOPMENT DEPARTMENT

The Dairy Development Department performs various functions under the provisions of the Tamil Nadu Co-operative

Societies Act, 1983 and the Tamil Nadu Co-operative Societies Rules 1988 such as Registering new Dairy Co-operative Societies, Reviving dormant societies, Inspecting Dairy Co-operative Societies, Settlement of disputes, Conducting elections to elect the Board of Directors for the management of all the three tier Co-operatives, Issuing appropriate guidelines, taking statutory actions on the audit report and special reports in the interest of the public.

2.5. OBJECTIVES OF DAIRY DEVELOPMENT DEPARTMENT

- Formation and registration of new Milk Producers Co-operative Societies and Milk Consumer Cooperative societies
- Ensuring participation of milk producers in the administration of dairy Co-operative societies through elected Board of Directors

- Ensuring remunerative price being paid to the milk producers of the Co-operative society, for the milk supplied by them throughout the year
- Expanding dairy co-operatives in uncovered areas
- Ensuring the availability of processed liquid milk to consumers at reasonable price as per the standards of Food Safety and Standards Authority of India
- Ensuring the credibility of the Dairy Co-operative structure through transparency in administration
- Imparting necessary training to Milk Producers as well as society employees
- Providing various incentives and benefits to the milk producers

- Bringing the unorganised Dairy sector into the Co-operative Ambit
- Ensuring that various inputs such as cattle feed, fodder and Veterinary health services are provided to milch animals of the milk producers
- Introducing and updating the latest technologies in various dairy activities at the level of MPCS, DCMPU and TCMF

3. DAIRY CO-OPERATIVES IN TAMIL NADU

The Tamil Nadu Government implemented three-tier Dairy Co-operative system in the year 1981, known as "Anand Pattern".

In tier-1, the Primary Milk Producers' Co-operative Societies (MPCS) are formed at the village level, which is the base of the 3-tier system.

In tier-2, the District Co-operative Milk Producers' Unions (DCMPU) are the middle-level Co-operative societies, wherein the Primary Milk Producers' Co-operatives in their jurisdiction are their members.

In tier-3, the Tamil Nadu Co-operative Milk Producers' Federation (TCMPF) is the apex level society in which all the DCMPUs in the State are members.

4. PRIMARY MILK PRODUCERS' CO-OPERATIVE SOCIETIES

The Primary Milk Producers' Co-operative Societies are formed at the village level, which is the base of the 3-tier system.

4.1 REGISTRATION OF PRIMARY MILK PRODUCERS' CO-OPERATIVE SOCIETIES

To register a Milk Producers' Co-operative Society in a specific village, a minimum of 25 milk producers must submit an application to the Deputy Registrar (Dairying) of the concerned district.

On receipt of such application field survey is undertaken by the Senior Inspectors (Milk) or by the Extension officers of the District Co-operative Milk Producers' Union, to study the dairy animal population, milk potential in the area, viability, milk route availability, profitability, quality of milk etc.

Further, the area of the proposed society should not overlap on the area of operation of another registered Milk Producers' Co-operative society. However, Women Milk Producers' Co-operative Societies and Adi-Dravidar Milk Producers' Co-operative Societies are being registered in the same area wherever possible without affecting the functioning of the general Milk Producers' Co-operative Society already existing in the area.

One Chief Promoter from among the milk producers is appointed to initiate the process of registering the society and he/she

should submit the proposal in full shape including the proof of residence, no dues certificate from the local co-operative bank, etc.

The Deputy Registrar (Dairying) shall register the society within 120 days from the date of receipt of the proposal. If the proposal is not returned and the same has not been registered within 120 days, it shall be deemed that the Deputy Registrar (Dairying) has registered the society on the last date of the time limit specified.

4.2. MEMBERS OF PRIMARY MILK PRODUCERS CO-OPERATIVE SOCIETIES

The milk producers residing in the operational areas of the society are eligible to become members of the MPCS.

In addition, there are exclusive Women Milk Producers' Co-operative Societies, where only women milk producers residing in the

operational areas of the society are eligible to become its members.

In Adi-Dravidar Milk Producers' Co-operative Societies, only Adi-Dravidar milk producers residing in the operational areas of the society are eligible to become its members.

4.3. BOARD OF PRIMARY MILK PRODUCERS CO-OPERATIVE SOCIETIES

Every Primary Milk Producers Co-operative Societies are managed by elected Board of Directors, headed by the president. In order to contest in elections to the Board of Directors, the milk producers must have poured 300 litres of milk to their respective society or must have poured milk continuously for 120 days in a year.

The Composition of Board of Directors of Primary Milk Producers Co-operative Societies are as follows:

S.No	Category	Number of Directors
1.	General	6
2.	Women	3
3.	SCs / STs	2
	Total	11

4.4. FUNCTIONS OF PRIMARY MILK PRODUCERS CO-OPERATIVE SOCIETIES

The Primary Milk Producers Co-operative Societies procure milk from the milk-producing members and send to the Chilling Centres or Dairies operated by the respective District Co-operative Milk Producers Union.

The Primary Milk Producers Co-operative Societies pay dividend, patronage rebate, bonus and other benefits to the milk producers from its net profit.

It also ensures the supply of cattle feed and other inputs, besides arranging for

Veterinary and health services to the member's milch animals.

4.5. REVIVAL OF PRIMARY MILK PRODUCERS CO-OPERATIVE SOCIETIES

When the members of a Primary Milk Producers' Co-operative Society has not poured milk properly or due to improper functioning of management of society, the concerned Primary Milk Producers' Co-operative Society become inactive or dormant. The dormant society can be revived by making members to pour milk.

In 2023-24, a total of 84 Primary Milk Producers' Co-operative Societies have been revived from dormancy and become functional.

At present, there are 9189 Primary Milk Producers' Co-operative Societies functioning at the village level in Tamil Nadu.

S. No	Name of the district	General		Adi-Draavidar		WOMEN		Total no. Of Functioning societies	No. Of dormant societies	Total no. Of societies
		Functioning	Dormant	Functioning	Dormant	Functioning	Dormant			
1	2	3	4	5	6	7	8	9	10	11
1	Tiruvallur	139	11	10	1	58	7	207	19	226
2	Kancheepuram	53	4	7	0	28	2	88	6	94
3	Chengalpet	122	19	9	0	109	12	240	31	271
4	Vellore	108	27	2	1	41	16	151	44	195
5	Ranipet	90	19	7	1	28	8	125	28	153
6	Tirupathur	38	7	1	0	2	1	41	8	49
7	Tiruvannamalai	400	78	15	41	168	0	583	119	702
8	Villupuram	162	27	21	4	60	15	243	46	289
9	Kallakuruchi	237	24	17	6	37	12	291	42	333
10	Cuddalore	179	7	1	0	50	4	230	11	241
11	Coimbatore	264	37	2	0	65	13	331	50	381
12	Erode	417	31	1	0	80	8	498	39	537
13	Tiruppur	335	57	1	8	65	0	401	65	466
14	Dharmapuri	218	44	1	1	33	7	252	52	304
15	Krishnagiri	156	44	1	1	41	11	198	56	254
16	Karur	127	20	2	0	20	7	149	27	176
17	Trichy	318	30	3	6	46	0	367	36	403
18	Ariyalur	63	8	2	1	27	7	92	16	108
19	Perambalur	162	7	1	0	30	4	193	11	204
20	Dindigul	169	51	8	4	22	1	199	56	255
21	Madurai	480	158	7	1	175	49	662	208	870
22	Theni	303	121	32	8	105	32	440	161	601

23	Thanjavur	180	54	1	16	85	1	266	71	337
24	Thiruvarur	29	6	1	0	18	7	48	13	61
25	Nagapattinam	19	5	1	0	18	11	38	16	54
26	Mayiladuthurai	27	4	1	0	35	5	63	9	72
27	Pudukkottai	312	54	1	0	27	2	340	56	396
28	Salem	672	45	7	0	116	5	795	50	845
29	Namakkal	431	47	3	0	53	17	487	64	551
30	Sivagangai	304	71	2	0	70	13	376	84	460
31	Ramanathapuram	119	16	3	0	16	1	138	17	155
32	The Nilgiris	88	5	1	0	5	0	94	5	99
33	Tirunelveli	115	20	3	0	30	3	148	23	171
34	Thenkasi	55	14	4	0	7	4	66	18	84
35	Kanyakumari	52	4	1	0	1	1	54	5	59
36	Thoothukudi	130	15	3	0	51	10	184	25	209
37	Virudhunagar	71	27	6	2	34	9	111	38	149
	TOTAL	7144	1218	189	102	1856	305	9189	1625	10814

4.6. MILK PROCUREMENT

The 9,189 Primary Milk Producers' Co-operative Societies are procuring milk from 3.91 lakh milk producers and the average milk procurement by the unions in the financial year 2023-2024 is 28.30 LLPD, apart from the local sale by the MPCSC catering village public needs.

As on June 14th 2024 the District Unions procurement reached 34.22 LLPD because of the consistent efforts taken namely, assuring spot acknowledgment to the milk producers, induction of new animals through bank loans, animal health care activities, opening of new milk collection centres, supply of good quality cattle feed. The growth in milk procurement will be sustained and efforts will continue to achieve 40 LLPD.

4.7. MILK CONSUMER CO-OPERATIVE SOCIETIES (MCCS)

The Milk Consumers' Co-operative Societies are primary level societies that are registered for selling milk and milk products to the consumers.

In order to fulfil the needs of the consumers the Milk Consumers' Co-operative Societies procure milk and milk products from TCMPF / District Co-operative Milk Producers' Unions and sells the same at a concessional rate through milk cards. These Milk Consumers'

Co-operative Societies are treated as wholesale dealers.

There are 58 Milk Consumers' Co-operative Societies functioning across the State. Of these, 48 Milk Consumers' Co-operative Societies are functioning in and around Chennai.

The management of these Milk Consumers' Co-operative Societies are also managed by elected Board of Directors.

4.8. AUDIT

The accounts of the all Milk' Co-Operative Societies, Unions and Federation are audited by Directorate of Audit for Milk Cooperatives, which is functioning under the control of Finance Department. After the completion of each financial year, the accounts of the Primary Milk Producers' Co-operative Societies are audited and reports submitted to Dairy Development Department.

Based on the audit report, the profit making societies shares its profit to the members as various incentives.

5. DISTRICT CO-OPERATIVE MILK PRODUCERS' UNIONS

The District Co-operative Milk Producers' Union is the middle level co-operative society in the 3-tier system.

The primary Milk Producers Co-operative Societies in the jurisdiction area are the members of the District Co-operative Milk Producers' Union.

At present there are 27 District Co-operative Milk Producers' Unions functioning in Tamil Nadu covering 37 revenue districts except Chennai.

5.1. BOARD OF DISTRICT CO-OPERATIVE MILK PRODUCERS' UNION

The District Co-operative Milk Producers' Unions are managed by the elected Board of Directors, headed by the President.

The elected Board of Directors of Milk Producers Co-operative Societies are eligible to contest in elections to the Board of Directors of District Co-operative Milk producers' Union.

The total strength of Board of Directors of District Co-operative Milk Producers' Union is 26, including 17 elected Directors, 2 Co-opted Directors and 7 Functional Directors.

The Composition of Board of Directors of District Co-operative Milk producers' Union are

S.No	Category	Number of Directors
	Elected Directors	
1.	General	9
2.	Women	5
3.	Scheduled Caste / Scheduled Tribes	3
	Co-opted Directors	
4.	Having experience in the field of Dairy Technology or Dairy Engineering	1
5.	Having experience in the field of Veterinary Science	1
	Functional Directors	
6.	Representative of the National	1

S.No	Category	Number of Directors
	Dairy Development Board	
7.	Representative of National Co-operative Development Corporation.	1
8.	Representative of Central Co-operative Bank	1
9.	Representative of TCMPF Ltd.	1
10.	Representative of the Director of Animal Husbandry	1
11.	Concerned Deputy Registrar (Dairying)	1
12.	Concerned DCMPU's General manager	1
Total		26

For the General Category, 9 members are elected from nine territorial constituencies of operational areas of the DCMPU as fixed by the Commissioner for Milk Production and Dairy Development Department.

5.2. FUNCTIONS OF THE DISTRICT CO-OPERATIVE MILK PRODUCERS' UNION

- The District Co-operative Milk Producers' Union provides input services to the milk producers of MPCs
- The DCMPUs are the implementing agencies of the Government of India and Government of Tamil Nadu schemes
- The DCMPUs also implement district specific schemes
- DCMPUs are imparting training to the staff/members of the Milk Co-operative Societies in clean milk production, Artificial Insemination, etc.
- DCMPUs procure milk from MPCs by forming milk routes and transport the milk to the nearest Bulk Milk Cooler (BMC)/ Chilling Centre / Dairy District Co-operative Milk Producers' Union Dairies process milk and sell various variants of milk as per demand of Consumers

- The District Co-operative Milk Producers' Union pay the milk cost to the members of Milk Producers' Co-operative Societies based on the quantity and quality of milk poured by them
- In order to increase the milk handling capacity, the DCMPUs undertake new infrastructure projects
- After meeting their requirement for liquid milk sales and product manufacturing, they transport the surplus milk to TCMPF dairies for processing and sale
- The District Co-operative Milk Producers' Unions share the profit earned by them with their member societies by way of incentive to the milk producers according to the quantity of milk supplied by them.

5.3. SERVICE UNITS OF DCMPUs

5.3.1. DCMPU TRAINING CENTRES

Milk producers are being trained and

enlightened in the areas of clean milk production, Ration Balancing techniques, fodder cultivation, dairy animal management and breeding, decreasing the cost of production, effective utilisation of unconventional feeds etc.

The MPCS staff are trained on MPCS administration, clean milk procurement, quality testing, Artificial Insemination activities etc.

Regional Training centres at Salem, Madurai and Tirunelveli DCMPUs are **accredited by Government of India's Central Monitoring Unit.**

The training centres at Villupuram, Vellore and Madhavaram were also strengthened by obtaining a sum of Rs. 200 lakh as 100 % grant assistance under Rastriya Gokul Mission from the Union Government.

By utilising the training centre facilities 75,677 milk producers and 6,521 staffs were given training on Dairy animal management, clean milk production, calf rearing and infertility management.

5.3.2. CATTLE FEED PRODUCTION PLANT – ERODE

Compound cattle feed is a good source of nutrients for growing calves, heifers, dry cows, milk producing and pregnant milch animals. It is essential for optimal growth, body maintenance, milk production and its sustenance, reproductive efficiency and to maintain immune status of milch animals.

The production capacity of Erode cattle feed plant was further enhanced to 300 MT per day with a financial outlay of Rs.340.00 lakh, under the National Agricultural Development Programme (NADP).

The production capacity of Aavin Cattle feed will be further enhanced with a new 50 MT / day capacity plant at Virudhunagar and establishment of two new cattle feed plants with 300 MT / day capacity each at Pudukudi, Thanjavur and Cuddalore is under progress.

The total Cattle Feed Production at Erode Cattle Feed Plant during the year 2023-2024 is 85,042 MT (79%).

The total cattle feed production capacity of Aavin will be increased from existing 300 MTPD to 900 MTPD at the end of this financial year.

It has been proposed to induct Total Milk Ration (TMR) production and supply to the farmer as a new concept in cost effective quality feeding.

5.3.3. MINERAL MIXTURE PRODUCTION PLANTS

Mineral mixture is essential for optimal growth, body maintenance, milk production

and its sustenance, reproductive efficiency and to maintain immune status of milch animals.

Five mineral mixture plants each with a production capacity of 12 MT per day are producing area specific mineral mixture to meet out the requirements of the milk producers. They have produced the following quantities of mineral mixture so far.

S. No.	Name of the mineral mixture plant	Quantity produced (MT)
1	Erode	10627
2	Villupuram	4597
3	Thoothukudi	3819
4	Trichy	4484
5	Krishnagiri	682

During 2023-2024, these Mineral mixture plants have supplied 867.22 MT of area specific mineral mixture to Animal Husbandry Department for a total value of Rs.5.09 crores. New varieties of mineral mixtures with fortified minerals will also be introduced to meet out the nutritional balance.

5.3.4. DCMPUS WISE MILK CHILLING AND HANDLING CAPACITY (IN LPD)

Sl. No.	Name of the Union	Processing capacity of Dairies		Chilling capacity				Chilling capacity Total(In Ltrs)
				Chilling Centre		BMC		
		Nos.	Capacity(In Ltrs)	Nos.	Capacity (In Ltrs)	Nos.	Capacity (In Ltrs)	
1	2	3	4	5	6	7	8	9
1	Kanchipuram-Thiruvallur	1	1,00,000	2	72,000	34	98,000	1,70,000
2	Villupuram	1	1,00,000	-	0	17	53,000	53,000
3	Kallakurichy	-	-	1	1,00,000	28	82,000	1,82,000
4	Cuddalore	-	-	1	10,000	12	54,000	64,000
5	Vellore	1	1,50,000	2	80,000	31	1,05,500	1,85,500
6	Tirupatur	-	-	-	0	9	34,000	34,000
7	TV malai	-	-	2	1,50,000	86	2,65,000	4,15,000
8	Dharmapuri	-	-	1	50,000	37	1,43,000	1,93,000
9	Krishnagiri	1	2,00,000	1	10,000	17	78,000	88,000
10	Salem	1	5,00,000	1	1,30,000	116	4,77,500	6,07,500
11	Namakkal	-	-	2	1,00,000	22	53,000	1,53,000
12	Erode	1	3,00,000	2	35,000	53	2,49,000	2,84,000
13	Coimbatore	1	5,00,000	3	1,20,000	23	1,12,000	2,32,000
14	Tiruppur	-	-	2	1,10,000	41	1,98,000	3,08,000

Sl. No.	Name of the Union	Processing capacity of Dairies		Chilling capacity				Chilling capacity Total(In Ltrs)
				Chilling Centre		BMC		
		Nos.	Capacity(In Ltrs)	Nos.	Capacity (In Ltrs)	Nos.	Capacity (In Ltrs)	
15	Nilgiris	1	50,000	1	10,000	5	9,000	19,000
16	Madurai	1	5,00,000	-	0	78	2,11,000	2,11,000
17	Theni	-	-	1	1,00,000	11	55,000	1,55,000
18	Dindigul	1	30,000	2	40,000	27	95,500	1,35,500
19	Thrichy	1	1,50,000	2	1,50,000	66	2,18,500	3,68,500
20	Padalur	1	1,00,000	-	0	-	0	0
21	Karur	-	-	1	50,000	18	46,500	96,500
22	Thanjavur	1	48,000	1	30,000	19	66,500	96,500
23	Pudukottai	1	55,000	-	0	6	27,000	27,000
24	Sivagangai	1	50,000	1	10,000	16	68,000	78,000
25	Virudhunagar	1	50,000	1	10,000	2	10,000	20,000
26	Thiruneveli	1	1,00,000	2	80,000	3	15,000	95,000
27	Thoodhukudi	-	-	2	20,000	9	43,000	63,000
28	Kanyakumari	1	30,000	-	0	-	0	0
	Total	18	30,13,000	34	14,67,000	786	2867000	43,34,000

6. THE TAMIL NADU CO-OPERATIVE MILK PRODUCERS' FEDERATION LTD (TCMPF)

The TCMPF is the apex body at the State level in the 3 tier pattern wherein all the District Co-operative Milk Producers' Unions in the State are its members.

TCMPF has been registered as a Co-operative society under Tamil Nadu Co-operative Societies Act.

6.1. OBJECTIVES OF TCMPF

- To carry out activities for promoting production, processing and marketing of milk & milk products for economic development of the members
- Development and expansion of such activities as may be conducive for the promotion of the dairy industry, improvement and protection of milch animals and economic betterment of those engaged in milk production

- Render technical, administrative, financial and other necessary assistance to the member unions including assistance in the purchase and distribution of dairy products and commodities and enter into collaboration agreement with any agency if the need arises
- Promote the organisation of primary societies and assist members in the organisation of the primary societies
- Purchase dairy products and commodities from the members or from other sources, without affecting the interests of its members, pool, process, manufacture and market or distribute the same either under its own trade mark/brand name or with Unions trade mark or brand name
- Provide veterinary aid and artificial insemination services and to undertake activities so as to improve the animal health

care and disease control facilities and assist the member unions in doing the same

6.2. BOARD OF TAMIL NADU CO-OPERATIVE MILK PRODUCERS' FEDERATION LIMITED

The TCMPF is managed by the elected Board of Directors, headed by the President.

The elected Board of Directors from District Co-operative Milk producers' Union are eligible to contest in elections to the Board of Directors in the TCMPF.

The composition of elected Board of Directors in the Tamil Nadu Co-operative Milk Producers' Federation Limited are as follows:

S.No	Category	Number of Directors
	Elected Directors	
1.	General	11
2.	Women	6
3.	SCs/ STs	4

S.No	Category	Number of Directors
	Co-opted Directors	
4.	Having experience in the field of Dairy Technology or Dairy Engineering	1
5.	Having experience in the field of Finance from National Co-operative Development Corporation	1
	Functional Directors	
6.	Representative of the National Dairy Development Board	1
7.	Representative of the Director of Animal Husbandry & Veterinary Service Department	1
8.	The Deputy Milk Commissioner, Office of the Commissioner for Milk Production and Dairy Development	1
9.	The MD of the Federation	1
TOTAL		27

The administrative office of TCMPF is functioning in the new corporate office building at Nandanam in Chennai.

6.3. ACTIVITIES OF TCMPF

TCMPF owns three milk dairy plants in

the Chennai metropolitan region, one each at Madhavaram, Ambattur and Sholinganallur to process, pack and supply milk to metro consumers in different variants like Standardised milk, Full cream milk, Double toned milk and Toned milk. TCMPF also established an Ultra High Temperature milk processing plant for producing extended shelf life milk in flexi packs with a capacity of 1.00 Lakh Litres per day at Sholinganallur Dairy. TCMPF has one milk product manufacturing dairy exclusively at Ambattur where Ice cream, fermented milk products, sweets, savouries, chocolates and cookies are manufactured.

There is a dairy cum powder plant located at Ammapalayam of Tiruvannamalai District and the plant can produce 20 MT of milk powder and 12 MT of butter per day.

There is a state-of-the-art modernised ice cream plant with a capacity of 30,000 litres per day is located at Madurai it produces all

variants of ice creams. The TCMPF purchases milk from the District Unions and used to meet out its demand for Metro and products manufacturing. The administrative control of the Units are headed by Joint Managing Director.

The TCMPF organises the milk production plan for every month for District Unions and Metro dairies and the milk and milk products supply of the State is being monitored and maintain the balance in supply. The TCMPF arranges conversion of surplus milk of District Unions at its own plants and other plants in flush season and arrange SMP and butter for the needy District Unions. TCMPF does the liaison work with State and Union Government for implementing various developmental schemes in the State related with dairy activities. The TCMPF financially assist the District Unions in milk cost payment in the event where the Union is not able to meet out the expenses.

TCMPF owns Frozen Semen Distribution Centre and Dairy Herd Improvement Programme Actions (DIPA) units at Erode and Nucleus Jersey and Stud Farm (NJ&SF) which directly involve in the service of milk producers in the State.

The TCMPF has its own transport unit, at Madhavaram where all the logistics activities are taken care off. Daily around 2.5 lakh litre milk of DCMPUs are being transported by its 20 road milk tankers (9KL x 8, 15KL X 12) and Butter, milk powder and ice creams are also being transported by TCMPF's own vehicles. All TCMPF vehicles are being monitored through GPS, also 220 road milk tankers of private contractors will also be monitored through GPS.

The milk sachets are distributed through insulated vehicles to maintain the milk temperature at desired level.

6.4. SERVICE UNITS OF TCMPF

6.4.1. AAVIN FROZEN SEMEN PRODUCTION STATION, NILGRIS (NJ&SF)

In order to supply frozen semen straws to the Artificial Insemination technicians working in Primary Coop. Milk Producers societies across Tamil Nadu, Aavin Frozen semen production station, Nilgiris (previously NJ&SF) was established during the year 1973 for the production of good quality semen.

Jersey, Crossbred Jersey, Holstein-Friesian and Crossbred Holstein-Friesian frozen semen straws are being produced at said station and are being distributed to milk unions through centralized frozen semen straws distribution centre, Erode.

Currently, there are 121 bulls reared at the Stud Farm, out of which, 93 bulls are under collection. As per the guidelines of Government of India, bio security protocols are being

followed at the said station to ensure rearing of disease-free animals and supply of quality frozen semen straws for Artificial Insemination.

In the year 2023-2024, a total of 15.67 Lakh doses of frozen semen straws were produced. It is proposed to produce around 18.50 lakh doses of frozen semen straw for the year 2024-25.

NJ&SF is an ISO 9001:2015 certified farm with 'A' grade certification by Central Monitoring Unit.

6.4.2.FROZEN SEMEN DISTRIBUTION CENTRE, ERODE.

According to guidelines of GOI, the semen distribution centre has been established away from the semen station in order to ensure biosecurity protocols. In the year 2023-24, 10.38 lakh Frozen Semen Straws (FSS) of white cattle and 0.20 lakh doses of Buffalo

Frozen Semen Straws have been distributed to the DCMPUs.

6.4.3. QUARANTINE STATIONS FOR BULL CALVES

Two quarantine stations for bull calves are functioning namely, Pre-Quarantine Station, Attur, Salem District and Quarantine Station, Erode. The High Genetic Merit Jersey crossbred bull calves procured under Field Performance Recording Programme (FPRP) and RGM-PTP are being reared at the said quarantine stations before inducting to Aavin frozen semen station, Nilgiris and other semen stations.

6.4.4. HIGH GENETIC MERIT HEIFER CALVES PRODUCTION UNIT – KARUMANTHURAI VILLAGE, SALEM DISTRICT

Disease free High Genetic merit heifer calves with positive breeding value born under FPRP/RGM-PTP schemes will be procured and reared in this station.

By inseminating the High Genetic merit heifers with proven bull semen, the HGM bull calves will be procured to Aavin Frozen semen production station, Nilgris and the heifer calves will be sold to the milk producers.

6.4.5. DAIRY HERD IMPROVEMENT PROGRAMME (DIPA), ERODE

Production of High Genetic Merit (HGM) bull calves and distributing the said bull calves to various semen stations are the main objectives of Dairy Herd Improvement Programme.

At DIPA unit, Field Performance Recording Programme (FPRP) is being implemented since 2007.

Under FPRP, high yielding animals are identified and registered under milk recording program for consecutive 10 months. Based on the milk recording data, the high yielding animals are declared as elite cows and inseminated with proven bull semen to produce

High Genetic Merit bull calves. The disease free High Genetic Merit bull calves are procured from the field and sent to quarantine stations for rearing.

This scheme is being implemented in 9 districts viz. Salem, Namakkal, Karur, Dharmapuri, Erode, Coimbatore, Madurai, Tiruvannamalai and Villupuram (Kallakurichi), under the financial assistance from Union Government through Tamil Nadu Livestock Development Agency (TNLDA).

Since inception of FPRP scheme, 486 bull calves have been produced and distributed to the Aavin Frozen semen production station, Ooty and Animal Husbandry Department for frozen semen production.

6.4.6. AAVIN STATE CENTRAL LABORATORY, MADHAVARAM

Aavin State Central Laboratory, Madhavaram was established under the NPDD Scheme and inaugurated by the Honourable

Chief Minister of Tamil Nadu on 16.08.2022. The laboratory is equipped with the hi-tech equipment for detecting the Pesticide residues, Drug Residues, Heavy Metals and Aflatoxin content.

The establishment of State Central Laboratory at Madhavaram reduced the cost incurred for testing of Milk & Milk products in the external laboratory and also increases the quality of Milk & Milk Products by increasing the number of samples. The laboratory also caters to the Cattle Feed and Mineral mixture plants of the TCMPF Ltd. to check the quality of raw materials and finished products to ensure the supply of quality products to the Farmers.

The State Central Laboratory, Madhavaram has earned the revenue of Rs.75 lakhs through the testing the quality of Samples from the following sources.

1. Testing the quality of Milk and Milk

Products as per FSSAI requirements for DCMPUs

2. Testing the quality of raw material and finished products from Cattle feed and Mineral Mixture Plants of DCMPUs
3. Testing the quality of Skimmed Milk Powder, Whole Milk Powder and Butter samples drawn from External Dairies for purchase to Federation Dairies and DCMPUs.

The State Central Laboratory, Madhavaram is also in the process of obtaining accreditation from National Accreditation Board for Testing & Calibration Laboratories (NABL)

6.4.7. AAVIN SKILL DEVELOPMENT CENTRE AT MADHAVARAM

The Aavin Skill Development Centre, Madhavaram is functioning from 14.11.2022 with the main objective of enhancing the skills of employees working in Village level Primary

Milk Co-operative Societies, District Unions and Federation.

As on date, 36 No's of multi-disciplinary trainings were conducted at Skill Development Centre, Madhavaram, which includes Basic and Refresher training to the Dairying & Quality Assurance Staffs, Technical Staffs, Administrative and Accounting Staffs of Federation and DCMPUs. Artificial Insemination Training was conducted to the MPCS Staffs of various District Unions.

Basic training on Milk Testing have been imparted to the MPCS Staffs of Six District Unions viz K.T. Union, Vellore union, Villupuram union, T.V. Malai union, Kallakurichi Union and krishnagiri Union under NPDD Scheme (2022-2023)(2023-2024) with demonstration using Milk analysers to emphasize Spot acknowledgement.

Totally 858 Union and Federation staffs have been trained during the year 2023-2024, of which 308 staffs are imparted training especially under NPDD Scheme.

In addition to the above, 191 officers and staff of the TCMPF Limited and DCMPUs were deputed to external Training Institutes for various Training and Capacity Building Programmes during the year 2023- 2024.

7. MILK AND MILK PRODUCTS MARKETING

The TCMPF Ltd. and DCMPUs sell Milk and Milk Products under the brand name Aavin at a most affordable price when compared to any other private brands in the State of Tamil Nadu.

Based on the consumers' preference the following milk variants are being produced and marketed all over the State.

S.No.	Milk Variant	Fat %	SNF %
1	Double Toned Milk	1.5%	9.0%
2	Toned Milk	3.0%	8.5%
3	Delite	3.5%	8.5%
4	Standardized Milk	4.5%	8.5%
5	Aavin Gold	5.0%	9.0%
6	Full Cream Milk	6.0%	9.0%
7	Teamate	6.5%	9.0%

The availability of Aavin milk is ensured throughout the State by providing various purchasing options for consumers through Aavin Parlours, Franchisee Retail Outlets, Wholesale Dealers, and the monthly milk card system.

Aavin is the only milk cooperative in the

country that sells monthly Milk Cards to consumers. This unique feature has increased milk purchases by consumers, and the system has earned continued customer patronage. In this system, the monthly milk cost is collected from consumers at a subsidized rate of Rs. 1 to Rs.14 from the maximum retail price.

Due to continuous efforts, the sales volume of Aavin milk has been on increasing trend. In the last two years, the sale volume has increased by 3.45% from 29.20 LLPD to 30.25 LLPD.

High quality Aavin Milk Products are produced at Chennai and District Co-operative Milk Producers Unions to cater the needs of the consumers throughout the State.

In addition to the traditional products such as Ghee and Butter, Aavin produces various

categories of dairy products such as

Cookies & Confectionaries	Health Mix Varieties	Long Shelflife Milk Varieties
<ul style="list-style-type: none">• Cookies (6 varieties)• Milk Chocolate• Nutties Chocolate	<ul style="list-style-type: none">• Badam Mix• Badam-Pista Mix• Dry-Nut Mix	<ul style="list-style-type: none">• UHT Milk – Delite flexi pack• Standardised Milk – Tetra Pack Brick• Toned Milk – Tetra Pack Brick• Flavoured Milk – Tetra /Bottles

Sweets	Ice cream varieties	Fermented Products
<ul style="list-style-type: none"> • Sweetened Khoa • Dates Khoa • Mysorepa • GulabJamun Milk Pedas • Rasagulla • Premium Milk cake • Gulab Jamun Mix 	<ul style="list-style-type: none"> • Ice cream cups • Family packs (Bricks and bowls) • Choco bar • Mango Duet • Pineapple Duet • Grape Duet • Two in one bar • Strawberry core • Mango core • Choco feast • Premium ice cream in cups • Premium ice cream in scoops (6 variants) • Chocolate cone • Vanilla cone, • Kulfi Bar • Cassata • Flavoured Kulfi bar (10 flavours) • Sugar-free Kulfibars • Long kulfi bar 	<ul style="list-style-type: none"> • Yoghurt • Flavoured Yoghurt(5 flavours) • Sugar-free Yoghurt • Curd • Lassi • Buttermilk in sachets • Premium Curd in cups • Buttermilk in pet bottles • Probiotic Curd • Probiotic Lassi • Yoghurt Drink – Mango & Strawberry • Paneer

The sales of Aavin's dairy products is around Rs. 523.48 crore during the financial year 2023-24.

The diversified product portfolio of Aavin is enhanced with the introduction of new products on a continuous basis to meet out the changing preferences of the consumers and to sustain market share in a competitive dairy sector.

During festive seasons, Aavin prepares and sells special sweet varieties for the benefit of the consumers at an affordable price. Sweets like Ghee Badhusa, Nuts Halwa, Stuffed Moti Pak, KajuPista Roll, KajuKatli, Assorted Pack, Ghee Halwa, Karupatti Halwa, Mixture are being sold. During Diwali 2023 a record sale of Rs.128 Crore was achieved.

7.1. MARKETING NETWORK

Aavin has well-Knit distribution channels to supply milk and milk products in Chennai Metro and Districts as detailed below. This robust distribution network ensures last mile

delivery of Aavin products throughout the year.

Further, new wholesale dealers are being appointed in potential areas to enhance market penetration for which all the related applications are hosted in the Aavin website.

7.2. SALES PROMOTION ACTIVITIES - SPECIAL SALES CAMPS

In order to promote Aavin milk products, various sales promotional activities are carried out in Chennai metro as well as in Districts. As a part of the promotional activities, Aavin has organised the following special sales camps during the year 2023-24.

Aavin Day

In order to create awareness among the general public with regard to genesis of dairy cooperative in the State of Tamil Nadu and commemorating the formation of Aavin on 01.02.1981, it has been decided to celebrate Aavin day on 1st February of every year. As part of this, commendation certificates were

provided to the best milk producers and distributors across the entire state. Various events such as ice-cream eating competition, drawing Competition, Cooking Competition etc. were conducted to attract audiences of various age categories. These events have continued to garner the attention of prominent educational institutions like public children school/college students and media attention.

Aavin Ice-Cream sales through battery operated Push carts

Various efforts were taken to increase the sales of Aavin's products like ice cream, curd, buttermilk, lassi during summer ice cream sales are boosted through the use of battery-operated push carts, targeting various markets and events. Aavin offers a diverse range of products, including ice cream, yogurt, buttermilk, and lassi, among others, to cater to different consumer preferences. All of Aavin's dairy products, including ice cream, are

distributed to retailers and consumers through various sales outlets, including retail stores and Wholesale dealers, ensuring widespread availability.

Furthermore, to ensure widespread availability of Aavin's ice cream in Chennai and its surrounding areas, 33 battery operated push carts are deployed to various locations such as beaches, festival venues, and tourist spots, where there is high foot traffic and demand. This initiative serves to reinforce Aavin's presence in the market, enhancing its visibility and accessibility to a wider consumer base.

Trade Fair: Aavin pavilion was exhibited during the 48th India Tourism and Industrial Trade Fair at the Island Grounds, Chennai in which the various activities of Aavin was showcased and Aavin products were sold.

Food Festival: Aavin's products were prominently displayed and sold at the food festival organized at the Island Grounds.

Further, makeshift parlours and mobile sales are being carried out on regular basis during various occasions with the aim of reaching larger mass.

Aavin milk and milk products are being promoted in social media like Twitter, Facebook and Instagram (@AavinTn) and in the Aavin official website(www.aavin.tn.gov.in).

Appointment of MPCS as WSD

To ensure the economic viability of these MPCS and to generate regular income and assure the availability of milk products in all villages across the State, MPCS were appointed as wholesale dealers of dairy products. In the year 2024-25, it has been decided to sell milk and milk products through MPCS to a tune of approximately Rs. 5 Crore per month. The sale

of milk products through MPCSC has ensured the financial sustainable economic viability.

Ice Cream Wholesale Dealers:

In order ensure the availability of aavin ice creams in retail outlets all over Tamilnadu and to increase the sales of ice cream, exclusive Wholesale dealers for ice cream have been appointed and sales has commenced.

This initiative shall facilitate the distribution of ice cream throughout the State. Aavin is taking steps to implement this scheme comprehensively in the upcoming year 2024-25.

Special offers on Dairy Products:

By considering the market conditions and price of competitors, discounts are being offered on products such as butter, paneer, and ice cream. Further, during festival season, aavin products are being offered in festive combo packs at a discounted price. This has led

to increased consumer engagement and higher sales of dairy products.

Online milk cards:

In order to enable purchase of milk cards from the comfort of one's home, it has been facilitated to purchase and renew milk card through online mode. Approximately, 58,650 online milk cards have been issued from Jan'24 to Mar'24. This initiative has garnered positive reception from the public and has brought new customers under the ambit of aavin.

7.3. DIGITAL MARKETING / E-COMMERCE INITIATIVES

Aavin, that is striving to enhance its market presence, is leveraging digital and online platforms to increase its market share. Presently, Aavin's milk and dairy products value around Rs.2.00 crore per month are being sold through platforms such as Big Basket, Swiggy, Zomato, Reliance, JioMart, Blinkit, and Zepto.

Aavin further sells SMP/Ghee/Butter through National Cooperative Dairy Federation of India-NCDFI's e-portal which is a National platform for marketing of dairy commodities and was adjudged as the second highest grossing business partner during the year 2023-24.

7.4. EXPORT OF MILK AND MILK PRODUCTS

The reputation for quality and reliability has made aavin a trusted brand across the world and Aavin products like Ultra Heat Treatment (UHT) Milk and Ghee have been exported to Qatar, UAE, Dubai, Srilanka, Hongkong and Singapore. In order to improve exports further to other countries, the shelf life of Ghee was extended from 9 months to 12 months and the shelf life of UHT Milk was extended from 6 months to 9 months after numerous lab trials and were exported to USA and Singapore respectively. Further, Aavin

has opened-up opportunities, wherein any interested dealers can approach Aavin and export Aavin products through provisions offered by Export Inspection council.

7.5. CONSUMER CARE AND SUPPORT CELL

The Consumer Care and Support Cell (CCSC) of the TCMPF is functioning at the corporate office, Nandanam. It is provided with a Toll-Free Number 1800-425-3300. This unit is functional 24x7 facilitating the consumers to contact the cell for registering their complaints, feedback and for redressal.

The complaints / grievance of the consumers are communicated to the section / officials concerned immediately and necessary action is taken to rectify the complaints within 48 hours. During the year 2023-2024, a total of **39045** complaints were received and redressed.

8. QUALITY ASSURANCE ACTIVITIES

The Quality Assurance Laboratories of Tamil Nadu Co-operative Milk Producers' Federation Limited is well equipped with the State-of-the-Art laboratory equipment to analyse the quality of Milk State-wide. Milk is tested at MPCS /BMC/ CC/ District union Dairy/ Metro Dairy laboratory for chemical and microbiological contents as mentioned below.

Quality test conducted at various levels	
Testing Stage	Test Parameters
MILK PROCUREMENT AT SOCIETY LEVEL	1. Organoleptic Test (OT)
	2. Fat (%)
	3. SNF (%)
MILK RECEPTION AT CHILLING CENTRE/DAIRY LEVEL	1. Temperature
	2. Organoleptic Test (OT)
	3. Clot on Boiling Test (COB)
	4. Methylene Blue Reduction Test (MBRT)
	5. Titrable acidity
	6. Fat (%)
	7. SNF (%)
	8. Adulterants
	9. Antibiotics
	10. Aflatoxin
11. Standard Plate Count (SPC)	

	12. Coliform
DAIRY PROCESSING PLANT	1. Temperature
	2. Organoleptic Test (OT)
	3. Clot on Boiling Test (COB)
	4. Fat (%)
	5. SNF (%)
	6. Phosphatase Test
	7. Titrable acidity
	8. Homogenization Efficiency
	9. Methylene Blue Reduction Test (MBRT)
	10. Keeping Quality
	11. Standard Plate Count (SPC)
	12. Coliform
PERIODICAL TESTING PARAMETERS OF MILK & MILK PRODUCTS	<ol style="list-style-type: none"> 1. Pesticide Residues 2. Antibiotic/ Veterinary Drug Residues 3. Heavy Metals 4. Melamine 5. Aflatoxin

TCMPF Ltd. has certified by ISO 22000, Food Safety Management system (FSMS) for the Federation Dairies and DCMPUs to assure the Food Safety of the Milk & Milk Products.

Federation Dairies	Dairies of DCMPUs
• Ambattur Dairy	• Erode DCMPU
• Madhavaram Dairy	• Salem DCMPU
• Sholinganallur Dairy	• Madurai DCMPU
• Products Dairy, Ambattur	• Coimbatore DCMPU
• Dairy cum Powder Plant, Tiruvannamalai	

The Products Dairy, Ambattur is recently certified by the Bureau of Indian Standards as per the Conformity Assessment Scheme (CAS) of Milk and Milk Products. The other Dairies are also in the process of obtaining CAS certification of BIS.

9. SCHEMES

9.1. NATIONAL PROGRAMME FOR DAIRY DEVELOPMENT (NPDD)

The aim of National Programme for Dairy Development is to enhance the milk chilling infrastructure, procure quality milk and sell quality milk products and also increase the share of Co-operative sectors in the clean milk procurement, processing, value addition and marketing.

Under this scheme for the year 2022-24 Rs.9080.11 lakh (GoI Share of Rs.6026.88 lakh) has been sanctioned and below mentioned works are in progress.

- Under NPDD -2022-24, the State Central lab has been established on 16.08.2022 at Madhavaram. The lab is equipped with high end precision equipment for analyzing the milk and milk product samples to detect adulterants, heavy metals, pesticides and antibiotic residues by LCMS, GCMS, ICPMS in order to ensure the quality and safety of milk and milk products to consumers as per FSSAI standards.
- Advanced Pathogen Detection and Microbial enumeration Laboratory at Madhavaram has been established. This will help the TCMPPF and District Unions to analyze all the parameters of milk and milk products internally to meet the standards for exports and domestic market
- A Research and Development Laboratory is also being established at Products Dairy, Ambattur with a sum of Rs.11.58 Crore. The laboratory will be utilized for the Research of

New Milk & Milk Products and improve the quality standards of Milk Products.

- Chemicals, glass wares and equipment required for quality analysis also provided to the District unions under this scheme with a sum of Rs.8.75 Crore
- To strengthen food safety management system (FSMS) in District Milk Unions a sum of Rs.3 crore is also sanctioned in the certification scheme. The Conformity Assessment Scheme (CAS) of BIS will also be implemented with this scheme to assure the quality of Milk and Milk Products
- During the year 2022-24, 121 Bulk Coolers are being installed due to this an additionally 5,35,000 liter milk chilling capacity will be created.
- 2906 Milk testing equipment have been purchased and installed in

MPCS/BMC/CC/Dairies to analyse the milk samples rapidly at the collection centre.

- Rs.14.19 Crore have been allocated under this scheme for creation of IT infrastructure and software development at District Milk Unions for milk procurement, processing and marketing and the work is in progress
- Under NPDD scheme for the year 2023-24 Rs.2242.72 lakh (GoI Share of Rs.1422.67 lakh) has been sanctioned and below mentioned works are in progress
- To ensure the spot acknowledgement to the milk producers at societies, 2804 nos of cloud-based milk analyser will be installed.
- Solar water heater 277 nos for BMC to ensure hygienic of utensils washing
- Electronic weighing scale 1464 nos and 1926 IoT devices for AMCU and DPMCU for facilitate the accuracy of quantity and data

transferring in cloud based monitoring of milk procuring at society level

- Food scan lab analyser has proposed to established cheese plant at the Nilgiris to ensure quality production of cheese to consumers.

9.2. NATIONAL AGRICULTURE BANK FOR RURAL DEVELOPMENT - RURAL INFRASTRUCTURE DEVELOPMENT FUND (NABARD –RIDF)

State Government is providing grant to Dairy Development under NABARD Rural infrastructure Development Fund (RIDF) with the objective of strengthening dairy infrastructure.

- Under NABARD-RIDF 2021-22 tranche – XXVII, Rs.26.63 crore has been received for the following projects
- a) Rs.3.485 crore for establishment of Administrative building at Tirupur District Union and Rs.83.86 lakh for establishment

of Marketing Office Building at Namakkal District Union were completed.

b) Establishment of Administrative Building and Milk cold room at Namakkal at an outlay of Rs.6.18 crore and establishment of cheese plant with 1 MT production capacity at an outlay of Rs.13.14 crore at Nilgiris District Union are in progress.

➤ Under NABARD-RIDF 2022-23 tranche XXVIII, the new Product dairy with a capacity to handle 6 LLPD at Padalur, Perambalur District at an estimated cost of Rs.150 Crore is in progress.

➤ Under NABARD-RIDF 2022-23 tranche XXVIII, the new cattle feed plant of capacity 300 MT per day is being established at Pudukudi, Thanjavur with an outlay of Rs.50.00 Crore. Work is under progress.

➤ Under NABARD-RIDF 2023-24 tranche XXIX, the new cattle feed plant of

capacity 300 MT per day is being established at Thittakudi, Cuddalore with an outlay of Rs.33.00 Crore. Work is in progress.

- Under NABARD-RIDF 2024-25 tranche XXX, installation of Automatic Milk pouch stacking and conveyor system work is being started at Metro Dairies viz., Madhavaram, Sholinganallur, Ambattur and Unions viz., Coimbatore, Salem, Madurai & Trichy at an estimated cost of Rs.30 crore.

9.3. DAIRY PROCESSING AND INFRASTRUCTURE DEVELOPMENT FUND (DIDF)

- In order to fulfil the increasing demand of milk in Chennai, a new dairy with 10 Lakh Litres Per day capacity is being established at Madhavaram by availing loan under DIDF at an outlay of Rs.14218.68 lakh. The project will be completed by February 2026

- To meet out the requirement of Delta Districts, new dairy processing plant with capacity of 1 Lakh LPD is being established at Thanjavur at an outlay of Rs.5355 lakh. The project will be completed by April 2025.
- In order to produce additional value-added milk products for increasing the revenue of District union and to sell quality milk products to consumers, an Ice cream production plant with capacity of 6000 Litres per day is being established at Tiruchirappalli District Co-operative Milk Producers' Union Ltd at an outlay of Rs.4341.56 lakh. The project will be completed by September 2024.
- The Project work for new dairy processing plant with capacity of 50,000 LPD under DIDF is being implemented at Thoothukudi to fulfil the requirement of milk and milk products for the consumers

of Thoothukudi District at an outlay of Rs.4665.77 lakh. The project will be completed by October 2024.

9.4. STATE BALANCED GROWTH FUND (SBGF)

- The State Balanced Growth Fund is provided to the backward areas of the districts to bring them to the development path. The needy projects at backward hill areas at Erode District has been identified and a sanction of Rs.49.39 lakhs has been received through SBGF for purchase of 7 nos of Solar Milk Can Coolers. At present purchase and installation work is under progress.

9.5. PRADHAN MANTRI FORMALIZATION OF MICRO FOOD PROCESSING ENTERPRISES (PMFME) SCHEME

- This scheme aims to support Co-operatives to establish food process

line along with common infrastructure. The scheme will provide a credit linked capital subsidy of 35% with a maximum ceiling of Rs.3.00 Crore per project.

- Establishment of 50 KLPD Dairy plant at Dharmapuri for an outlay of Rs.229.96 lakh is nearing completion and will be functioning from August 2024.
- Establishment of 50 KLPD Dairy plant at Tiruvannamalai for an outlay of Rs.284.88 lakh is nearing completion and will be functioning from August 2024.
- Establishment of 50 KLPD Dairy plant at Karur for an outlay of Rs.229.96 lakh is nearing completion and will be functioning from August2024.
- Establishment of 50 KLPD Dairy plant at Cuddalore for an outlay of Rs.444.60 lakh is nearing completion and will be functioning from September 2024.
- Civil work under progress and purchase

order issued for machinery for establishment of 1 LLPD Dairy plant at Acharappakkam for an outlay of Rs.999.90 lakh.

9.6. Tamil Nadu Innovation Initiatives scheme (TANII)

BUFFALO CALF REARING SCHEME UNDER TANII

- To increase revenue of the Milk Producers Buffalo Calf rearing scheme (CRS) with ovisynch & sexed semen insemination at Village level is introduced for increasing buffalo milk production with estimate cost of Rs.820.62 lakh and covering 2000 Nos. of buffalo heifer calves in 12 district unions viz., Erode, Tirupur, Trichy, Karur, Salem, Namakkal, Kallakurichi, Dharmapuri, Kanchipuram, Dindigul, Krishnagiri and Cuddalore.
- Installing solar powered milk chilling unit at remote village level Primary Co-operative

Societies with estimate cost of Rs.141.11 lakh and the work is in progress.

9.7. Special Area Development Programme (SADP)

Establishment of baled silage making unit in 7 acres area at Sathyamangalam Chilling Center, Erode District under Special Area Development Programme at an estimated cost of Rs.6.72 crore. The project is aimed at processing and conserving sufficient quantities of surplus green fodder available during monsoon season in the form of baled silage and utilizing the same during the summer and monsoon failure when there is scarcity of green fodder to cater the needs of fodder for milk animals. Baled silage enriches the nutritive value of the fodder thereby enhancing the quality and quantity of milk.

9.8. RASHTRIYA GOKUL MISSION - PROGENY TESTING PROGRAMME (RGM - PTP)

- RGM - PTP is being implemented with a financial outlay of Rs.2,087.51 lakh in 3 District Co-operative Milk Producers'

Unions namely Vellore, Erode and Salem under the technical guidance of NDDDB with the objective of producing High Genetic Merit bull calves and to evaluate & ranking of bulls.

- So far, 246 bull calves have been procured, against the target of 225. Further 169 HGM bull calves have been distributed to various semen stations against the target of 180 and 77 bull calves are under rearing.

Fertility camps

- In all District unions, 100 Nos. of fertility camps have been organised covering 20-30% of breedable population which are infertile / anoestrus.

Orientation Programme

- To sensitize the milk producers on various breeding and managerial aspects, 200 Nos. of Orientation programme were organised @ 30 Nos. of milk producers per batch.

Calf Rally.

- In order to create awareness about rearing of cross bred calves and for self awareness on management practices of calves, 50 Nos of Calf rallies have been conducted at all DCMPUs to motivate them to rear healthy calves.

Strengthening of infrastructure facilities in NJ&SF, Ooty

- Nucleus Jersey and Stud Farm is a certified Farm with A Grade certification by Central Monitoring Unit. The semen station at Nucleus Jersey and Stud Farm, Ooty is being strengthened with a grant of Rs.546.92 lakh under RGM.
- Under this project, there is a provision for civil works for strengthening infrastructure facilities of NJ&SF, Ooty including civil structures, various lab items, farm equipment and ICT items.

9.9. NATIONAL LIVESTOCK MISSION (NLM)

- Tamil Nadu Livestock Development Agency (TNLDA) is the Nodal agency for implementing National Livestock Mission, Livestock insurance scheme. Cattle Insurance cover is being provided to the milch animals in order to safeguard the livelihood of the farmers and also to encourage farmers to rear milch animals to ensure sustainable milk production. For above poverty line (APL) producers, 50% subsidy on premium and for below poverty Line (BPL) & SC/ST producers, 70% subsidy on insurance premium is being provided.
- During the year 2022-23, 1.16 lakh milch animals in 27 DCMPUs were insured by TCMPF as against the target of 1.07 lakh.
- For the current year, 5.00 lakh milch animals will be covered in all districts of Tamil Nadu under NLM 2023-24.

9.10. NATION WIDE ARTIFICIAL INSEMINATION PROGRAMME (NAIP)

- Tamil Nadu Livestock Development Agency (TNLDA) is the Nodal agency for implementing Nationwide Artificial Insemination Programme (NAIP). This scheme is being implemented in 10 DCMPUs covering 12 districts of Tamil Nadu namely Cuddalore, Kanchipuram, Nagapattinam, Pudukottai, Ramanathapuram, Salem, Sivagangai, The Nilgiris, Tiruvannamalai, Tiruvallur, Viluppuram and Virudhunagar where the coverage of AI is less than 50%.
- The main objective of the scheme is to improve the productivity of cattle & buffaloes through free Artificial Insemination (AI) services using the semen doses of high genetic merit bulls.
- So far, NAIP scheme Phases I - III have been completed. NAIP phase-IV is under implementation.

Ovulation Synchronization programme using sex sorted semen.

- To enhance the breeding efficiency in milch animals through Ovulation Synchronization programme using sex sorted semen scheme is implemented in all DCMPUS for covering 500 Nos of animals on pilot basis in order to get more number of heifer calves and to ensure sustainable milk production by reducing the inter calving period

9.11.FODDER DEVELOPMENT

The availability of green fodder for the milch animals throughout the year is indispensable to maintain the health status, milk production and reproductive efficiency in addition to the concentrate feed and dry fodder.

Aavin has implemented certified fodder Seed production programme through NDDB in Erode and Salem unions by providing training to the milk producers towards of fodder seed

production by availing subsidy towards production of certified fodder seed under NLM scheme.

And also, obtained Seed License from National Seed Corporation (NSC) and procure the certified seeds from NSC and distributed to the milk producers through district milk unions at a discounted rate.

Under TAHDCO scheme, 1000 members were trained and distributed the fodder seeds and towards the fodder seed production with a cost of Rs.1 crore.

10. e-GOVERNANCE ACTIVITIES

10.1. INTEGRATED DAIRY MANAGEMENT SYSTEM (IDMS)

The IDMS software was developed with the financial assistance of Ministry of Electronics and Information Technology, Government of India. This project digitalizes the activities of dairies and offices of TCMPF, four DCMPUs (Krishnagiri, Erode, Madurai and Salem) including select MPCS/BMC/CC.

The project improves the operational efficiency, ensures transparency in operations, accountability and timely completion of tasks.

Further, the existing IDMS application is under customization to be extended to the remaining DCMPUs.

10.2. BIO-METRIC ATTENDANCE SYSTEM

Biometric Attendance System has been implemented at all the units of the Federation and DCMPUs.

10.3.ONLINE TENDER PROCESS THROUGH TN-TENDER PORTAL

The Tender process for execution of projects/works and procurement of various services/materials are being done online through the TN-Tender portal which also enables the collection of Earnest Money Deposit(EMD) online. This process ensures transparency, increase competition, saves time and brings in cost saving.

11. WELFARE MEASURES OFFERED TO MILK PRODUCERS

11.1.THE PERARINGNAR ANNA CO-OPERATIVE MILK PRODUCERS' WELFARE FUND

The Peraringnar Anna Co-operative Milk Producers' Welfare Fund was introduced to support the families of the loyal milk producers. Each milk pouring member contributes one rupee, the MPCS & the concerned District Co-operative Milk Producers' Union contributes 50

paise each, per month.

The Details of Benefits provided are as follows:

Sl. No.	Financial Assistance	Amount (in Rs.)
1	Accidental death	2,50,000
2	Education assistance upto two children	25,000
3	Marriage assistance for one girl child	30,000
4	Funeral Expenses	5,000
5	Permanent disability	1,75,000
6	Partial disability	75,000

So far, a sum of Rs.6.28 crore has been released to 600 beneficiaries. The details of benefit released are as follows:

Sl. No	Financial Assistance	Number of Beneficiaries	Total amount disbursed (Rs.)
1	Death and Physical Disability	287	5,86,56,855/-

2	Education Assistance	120	21,55,000/-
3	Marriage of girl children	55	13,30,000/-
4	Funeral Expenses	138	6,90,000/-
Total			6,28,31,855/-

During the year 2023-24, a sum of Rs.1.11 Crore have been disbursed to 80 beneficiaries.

11.2. PAYMENT OF PATRONAGE REBATE TO MILK PRODUCERS BY MILK PRODUCERS' CO-OPERATIVE SOCIETIES

The members of the Milk Producers' Co-operative Societies are being paid dividend on share capital, patronage rebate and bonus for the value of milk supplied by them, out of the profit earned by the society.

In the year 2023-24, a sum of Rs.3,956.49 lakh has been paid as patronage rebate to members of the societies.

Sl. No	Name of the Circle	Name of the District	Bonus			Patronage Rebate			Dividend		
			No of MPCs	No of Members benefitted	Amount (in Lakhs)	No of MPCs	No of Members benefitted	Amount (in Lakhs)	No of MPCs	No of Members benefitted	Amount (in Lakhs)
1	2	3	4	5	6	7	8	9	10	11	12
1	Thiruvallur	Tiruvallur	2	208	2.56	1	72	2.73	2	208	0.003
2	Kancheepuram	Kancheepuram	2	427	6.19	0	0	0.00	0	0	0.000
		Chengalpet	11	1356	39.00	0	0	0.00	0	0	0.000
3	Vellore	Vellore	16	2399	30.84	6	1720	31.88	16	3218	0.193
		Ranipet	10	1340	15.68	7	5578	84.35	10	3989	0.558
		Tirupathur	2	390	7.07	0	0	0.00	2	741	0.165
4	Thiruvannamalai	Thiruvannamalai	20	2946	50.16	0	0	0.00	6	473	0.511
5	Villupuram	Villupuram	7	1674	11.48	2	1286	29.61	1	378	1.220
		Kallakuruchi	39	9241	159.57	1	435	4.00	29	13451	12.630
6	Cuddalore	Cuddalore	5	1434	28.95	0	0	0.00	3	341	0.007
7	Coimbatore	Coimbatore	58	5369	78.29	11	607	22.16	58	5369	0.220
8	Erode	Erode	150	16608	296.21	29	3990	67.80	119	27894	0.429
9	Tiruppur	Tiruppur	25	962	48.52	19	2605	102.18	25	962	0.100
10	Dharmapuri	Dharmapuri	34	3606	82.35	2	266	20.15	34	5316	0.074
11	Krishnagiri	Krishnagiri	16	3439	27.12	3	2056	71.21	1	2013	0.489
12	Karur	Karur	27	2521	36.50	23	2019	65.04	27	2521	0.071
13	Trichy	Trichy	58	10096	111.12	19	6278	295.59	58	10096	0.140
14	Ariyalur	Ariyalur	5	2935	15.88	5	9992	137.96	1	1145	0.016
15	Perambalur	Perambalur	11	2590	54.90	44	9819	288.36	4	628	0.043
16	Dindigul	Dindigul	3	365	7.31	10	3466	119.08	0	0	0.000
17	Madurai	Madurai	0	0	0.00	3	806	18.93	0	0	0.000
18	Theni	Theni	2	173	3.72	0	0	0.00	0	0	0.000
19	Thanjavur	Thanjavur	1	157	1.08	5	2155	27.75	0	0	0.000
20	Thiruvannamalai	Thiruvannamalai	0	0	0.00	3	13190	98.48	0	0	0.000

Sl. No	Name of the Circle	Name of the District	Bonus			Patronage Rebate			Dividend		
			No of MPCs	No of Members benefitted	Amount (in Lakhs)	No of MPCs	No of Members benefitted	Amount (in Lakhs)	No of MPCs	No of Members benefitted	Amount (in Lakhs)
		Nagapattinam	0	0	0.00	0	0	0.00	0	0	0.000
		Mayiladuthurai	1	887	1.69	1	483	2.88	1	837	0.230
21	Pudukkottai	Pudukkottai	2	445	2.54	1	360	11.26	1	572	8.400
22	Salem	Salem	116	14324	316.73	60	14140	384.00	116	14324	0.205
23	Namakkal	Namakkal	10	1016	9.42	12	1948	53.78	10	1016	0.359
24	Manamadurai	Sivagangai	1	150	2.28	8	2627	47.69	0	0	0.000
25	Ramanathapuram	Ramanathapuram	2	1538	21.42	0	0	0.00	0	0	0.000
26	Ooty	Ooty	0	0	0.00	8	757	36.80	0	0	0.000
27	Tirunelveli	Tirunelveli	4	1068	13.28	9	3602	186.60	0	0	0.000
		Thenkasi	1	176	1.31	3	855	27.50	0	0	0.000
		Kanniyakumari	13	2349	37.67	5	1470	36.80	14	2763	0.039
28	Thoothukudi	Thoothukudi	0	0	0.00	2	1000	25.57	0	0	0.000
29	Virudhunagar	Virudhunagar	0	0	0.00	4	1520	109.43	0	0	0.000
		Total	654	92189	1520.83	306	95102	2409.56	538	98255	26.102

11.3. TECHNICAL INPUT SERVICES TO MILK PRODUCERS

The following services are being rendered to the milk producers at their door steps:-

- Veterinary camp; Emergency Services
- Artificial Insemination Service (AI) using High Genetic merit bull semen

- Conducting infertility camps
- Ovulation synchronization program
- Cattle insurance coverage
- Capacity building of MPCPS staff / milk producers
- Supply of Quality cattle feed and mineral mixture to the milk producers
- Supply of Quality fodder seeds and fodder slips to the milk producers
- Arranging Working capital loan under Kisan Credit Card (KCC)
- Supply of tick and mastitis control medicines to prevent blood parasite infections and mastitis

12. STAFF WELFARE MEASURES

1. During the year 2023-24, a total of 4,107 employees of DCMPUs and TCMPF Ltd., were paid Ex-gratia Bonus to the tune of Rs.587 lakh.
2. During the year 2023-24, a total of 3,972 employees of DCMPUs and TCMPF Ltd., were paid Production Linked Incentive (PLI) to the tune of Rs.36.90 lakh.

3. Half litre free milk per day is being given to the employees and also to the retired employees of all DCMPUs and TCMPF.
4. Retired employees of all DCMPUs and TCMPF are provided with ex-gratia pension of Rs.4,500/- per month and family members of deceased retired employees are sanctioned Rs.2,250/- per month as ex-gratia family pension.
5. Family Security Fund implemented with effect from 10.07.2023 for the retired employees of the Federation and District Cooperative Milk Producers' Unions by providing financial assistance of Rs.50,000/- in the event of death of the pensioners.

13. SUSTAINABLE DEVELOPMENT GOALS

The 2030 Agenda for Sustainable Development, adopted by the United Nations Member States in 2015, shared a blueprint on peace and prosperity for people and the planet.

17 Sustainable Development Goals (SDGs)

were set for both the developed and developing countries.

Dairy Development Department has been specified under Goal No:2.0 which states, “End hunger, achieve food security and improved nutrition and promote sustainable agriculture”, and also targets to achieve goal No: 2.3 and 2.a

The target No: 2.3 states that there should be an increase in investment by 2030, the agricultural productivity and income of small-scale food producers should be doubled, concentrating on women and the farming family and equal access to land, other productive resources, and input knowledge, financial services, markets and opportunities for value addition and non-farm employment.

The target No:2.a states that there should be an increase in investment, including in international cooperation in rural infrastructure,

agricultural research and in extension of plant and livestock gene banks to enhance agricultural productive capacity in developing countries.

The department has formed SDG unit vide G.O. (Ms) No.184, Animal Husbandry, Dairying and Fisheries (A&C-2) Department, dated 26.12.2019. This unit shall work in close coordination with SDG cells under the Planning and Development Department with working groups in State, District and Field level officers and other institutions.

14. INITIATIVES AND IMPLEMENTED ANNOUNCEMENTS

- Considering the input cost of milk production, for the welfare of the milk producers, the procurement price of Cow milk as well as Buffalo milk have been increased by Rs.3/- per litre i.e. from Rs.32/- to Rs.35/- per litre for Cow milk

and from Rs.41/- to Rs.44/- per litre for Buffalo milk w.e.f.05.11.2022

- Further an incentive of Rs.3/- per litre of Cow/ Buffalo Milk in addition to the procurement price is being paid to the milk producers from 18.12.2023 onwards.
- In 2023-24, a total of 289 Milk Producers' Co-operative Societies were newly registered and 84 dormant Milk Producers' Co-operative Societies were revived
- Considering the significance of the testing of milk at each stage and ensuring fair price given to milk producers, 100% spot acknowledgment system is being implemented in the entire dairy setup in a phased manner. So far, 4,018 MPCs implemented the Spot acknowledgment system.
- In order to ease the Daily Accounting process and to ensure uniformity in

accounting, common formats of Registers were designed and communicated to all MPCS. They were allowed to computerize their records and submit the software generated outputs to Audit.

- In order to improve the Profitability of MPCS, all MPCS were appointed as Whole Sale Dealers of aavin Sachet Milk and By-products. An incentive in sales margin was provided to the society as follows:

% of Incentives in sales margin	MPCS Staffs	MPCS
Regular sales	60%	40%
Bulk order sales	75%	25%

- To facilitate new product development and also to bring out modern packaging method/material etc., a new Research & Development Lab is being developed in Ambattur at the outlay of Rs.11.58 crore

- A total of 4,018 Milk testing equipment were installed in various DCMPUs and issuing spot acknowledgement. Further 2804 Nos of testing equipment will be purchased and installed.

14.1. ESTABLISHMENT OF NEW DAIRIES

- A new Milk Powder plant to handle 6 Lakh LPD is being established at Padalur, Trichy DCMPU at an estimated cost of Rs.150 crore under NABARD 2022-23
- A new 2 Lakh LPD Dairy in Acharapakkam is being established at an outlay of Rs.39 crore to cater the growing needs of the Chennai suburban population under PMFME-MoFPI
- New 2 Lakh LPD dairy in Namakkal DCMPU at an outlay of Rs.89.28 crore is being established to meet out the requirements of Namakkal district under PMKSY-MoFPI

- New 50 thousand LPD Dairy in newly created DCMPUs in Cuddalore, Karur, Dharmapuri and Tiruvannamalai Districts are being established to meet out the requirements of Milk and Milk Products of the respective Districts under PMFME-MoFPI.

14.2. MODERNISATION OF EXISTING DAIRIES:

Age-old second-generation milk Process plants of Madurai, Trichy and Salem district will be modernized with State of the Art next generation technology process plants at a total project cost of Rs. 119.37 crore including financial assistance Rs.60.00 crore under NABARD RIDF XXX

14.3.MILCH ANIMAL PRODUCTIVITY ENHANCEMENT

- High Genetic merit heifer calves with positive breeding value procured from

FPRP/RGM-PTP schemes will be reared at Karumanthurai, Salem. The HGM bull calves born from this station will be sent to Aavin Frozen semen production station, Nilgiris and the heifer calves will be sold to the milk producers

- Additional LN2 storage capacity of 3000 litres has been created in Tirupur, Namakkal, Tiruvannamalai, Nilgiris and Erode for 15,000 litres to store more frozen semen straws
- The 2nd phase of oestrus synchronisation scheme is being implemented to address anoestrous and repeat breeders issue and also to decrease the inter calving period in milch animals
- Ovulation Synchronization in milch animals with sex sorted semen is being implemented in 500 animals.

14.4. RECOGNITION OF BEST MILK PRODUCERS & CONSUMERS

- On the eve of Republic day Best Milk Producers from each district were identified and totally 124 Milk Producers awarded with prizes by the respective District Collectors.

14.5. IMPROVEMENT THROUGH ADMINISTRATIVE REFORMS IN THE ORGANIZATION

- Two new District Co-operative Milk Producers' Unions were created with Headquarters at Kallakurichi and Tiruppathur respectively to improve the milk production
- Tamil Nadu Public Service Commission is entrusted to carry out the direct recruitment process for the requirement of manpower to TCMPF and DCMPUs
- An Integrated Monitoring Centre for cattle feed and mineral mixture has been established to ensure uninterrupted

production and supply of Cattle feed and Mineral Mixture to Milk Producers

- To monitor the movement of milk and milk products through vehicles, a GPS Tracking system is being implemented in order to ensure timely distribution and to avoid loss in transit
- Various activities of Dairies, Parlours, BMCs, Offices and important events are covered with CCTV monitoring system in order to maintain discipline and order

15. BUDGET ALLOCATION

Under the demand for Dairy Development Department, for the year 2023-2024, a sum of Rs.78.33 Crore allocated for Revenue Expenditure and Rs.289.41 Crore allocated for capital expenditure and Rs.225.00 Crore allocated for loans and advances.

Milk Co-operative Sector at a glance		
S. No	Items	Details upto Mar'2024
I	Primary Co-operative Milk Producers Societies level	
1	Number of functioning Milk Producers' Co-operative Societies	9189
2	Milk Producers' Co-operative Societies registered during 2023- 24 (in Nos.)	289
3	Dormant Milk Producers Co-operative societies Revived during 2023-24 (in Nos.)	84
4	Total Number of members in Milk Producers' Co-operative Societies (in Lakh)	16.81
5	Number of milk pouring members (in Lakh)	3.91
6	Milk Production by societies (in LLPD)	32.20
II	District Co-operative Unions level	
7	Number of District Co-operative Milk Producers' Union	27
8	Milk Procurement by Unions (in LLPD)	28.30
9	Number of Union Dairies	18
10	Handling Capacity of Union Dairies (in LLPD)	30.13
11	Milk marketing in District Unions (in LLPD)	15.72
12	Number of milk distribution routes at the level of District Unions	424
13	Number of Chilling Centres	34
14	Handling Capacity of Chilling Centres (in LLPD)	14.67

Milk Co-operative Sector at a glance		
S. No	Items	Details upto Mar'2024
15	Number of Bulk Milk Cooler Units	786
16	Chilling Capacity of Bulk Milk Cooler units (In LLPD)	28.67
III	State Level	
17	State Level Federation	1
18	Number of TCMPF Dairies	6
19	Handling Capacity of TCMPF Dairies (in LLPD)	18.65
20	Milk marketing in Chennai City (in LLPD)	14.53
21	Number of milk distribution routes in Chennai Metro	199
IV	Others	
22	Number of Powder plants (Erode, Salem, Madurai, Krishnagiri District Unions and TCMPF)	5
23	Capacity of powder plants for drying Milk (MT/day)	90
24	Butter storage capacity (in MT)	4,629
25	SMP storage capacity (in MT)	7,805

16. CONCLUSION

Dairying is one of the major sustenance factors of rural economy. Dairy Development Department strives to improve the livelihood of milk producers by providing remunerative price to the milk producers and also by providing input services.

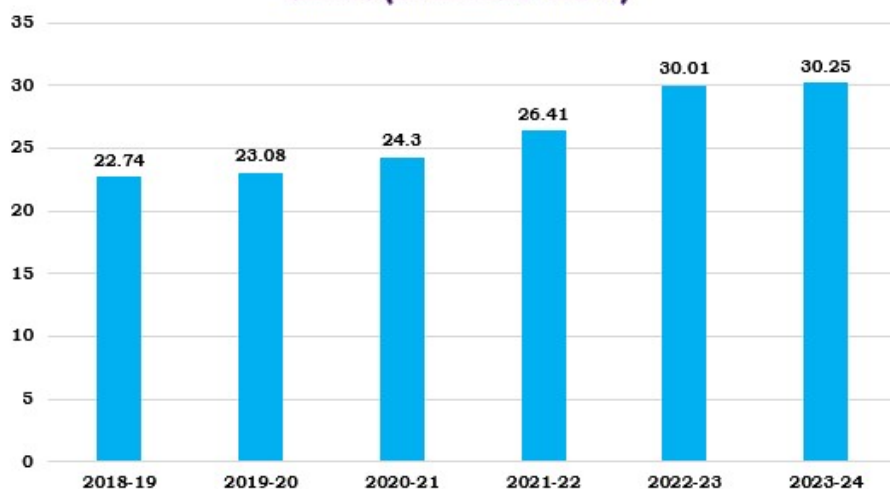
Various initiatives like providing spot acknowledgement to the milk producers, milk testing equipment, incentives to the milk producers are being carried out in order to improve the income of the milk producers. Dairy Development Department ensures supply of milk at a reasonable rate to the consumers.

Continuous efforts are being taken to make all Dairy Cooperatives to be an economically viable societies.

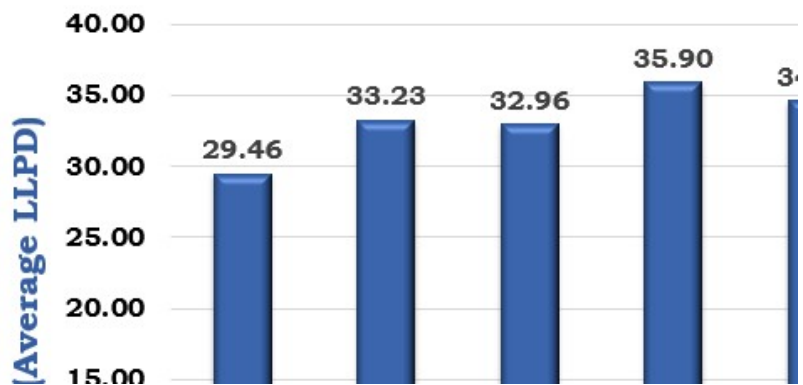
T.Mano Thangaraj

Hon'ble Minister for Milk
and Dairy Development

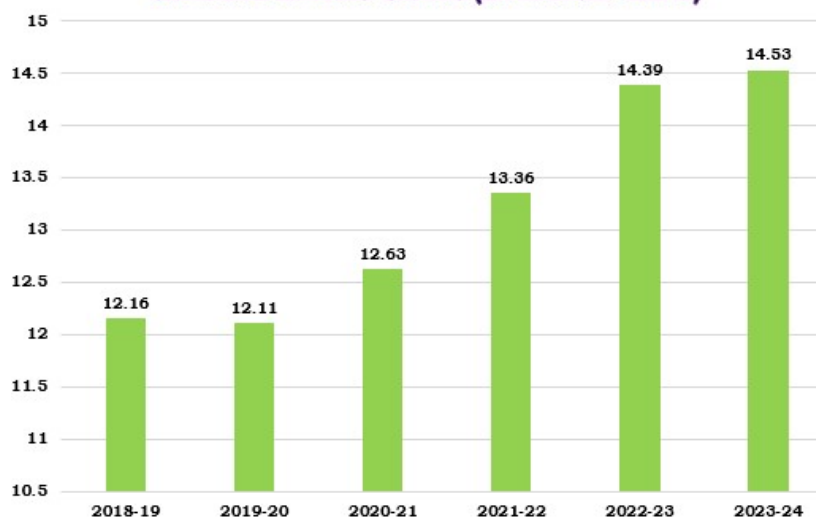
CHENNAI METRO & DISTRICT UNION AAVIN MILK SALES (AVERAGE LLPD)



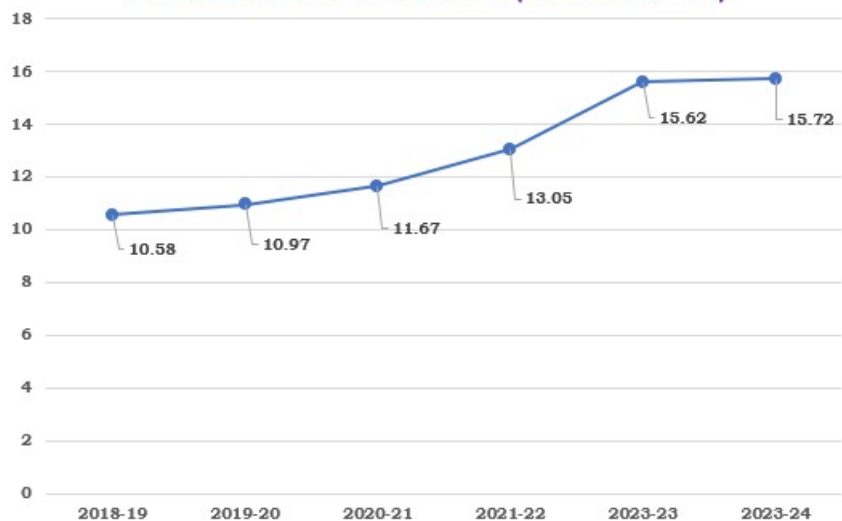
AVERAGE DAILY MILK PRICE BY DISTRICT UNIONS



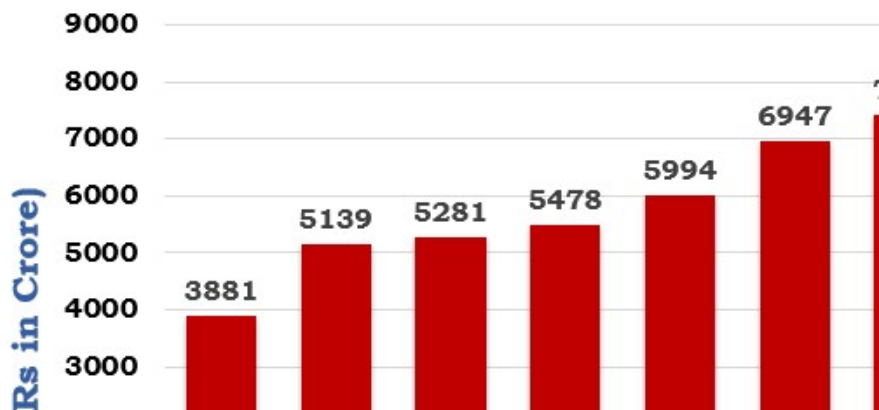
CHENNAI METRO SALES (AVERAGE LLPD)



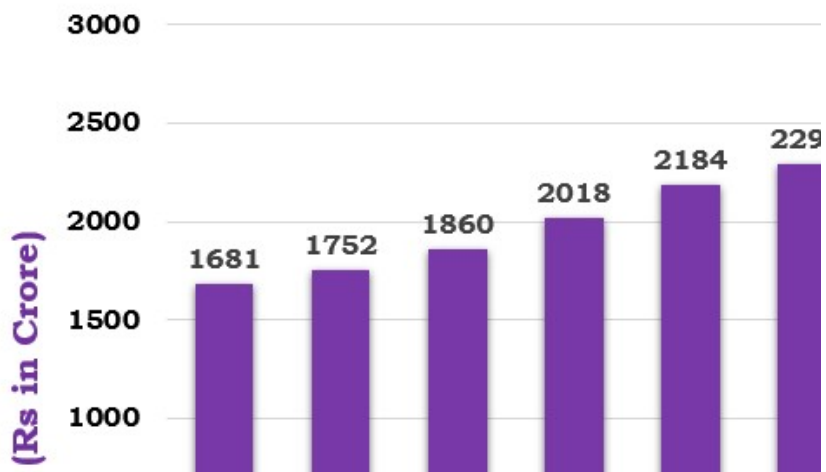
DISTRICT UNION MILK SALES (AVERAGE LLPD)



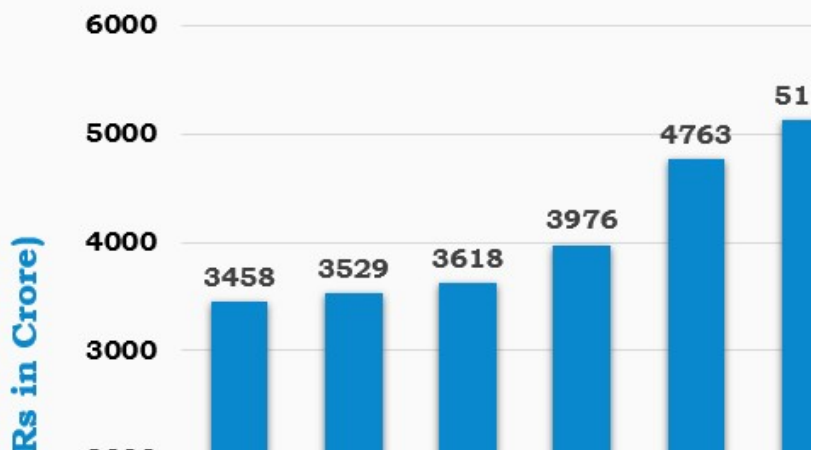
SALES REVENUE (FEDERATION & UNIC



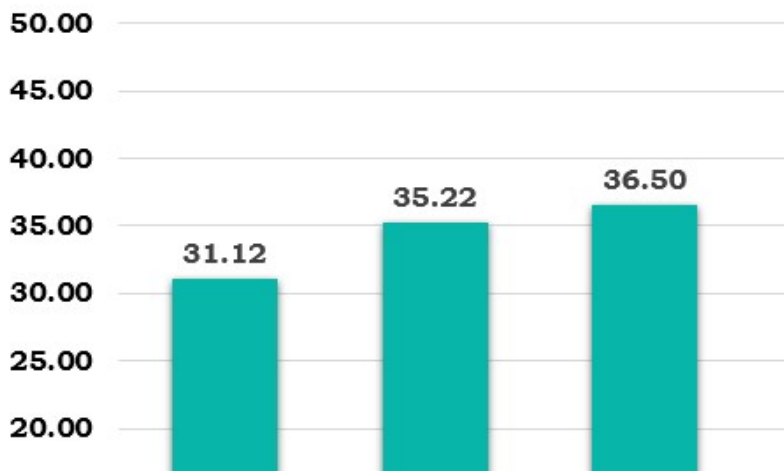
FEDERATION SALES RI



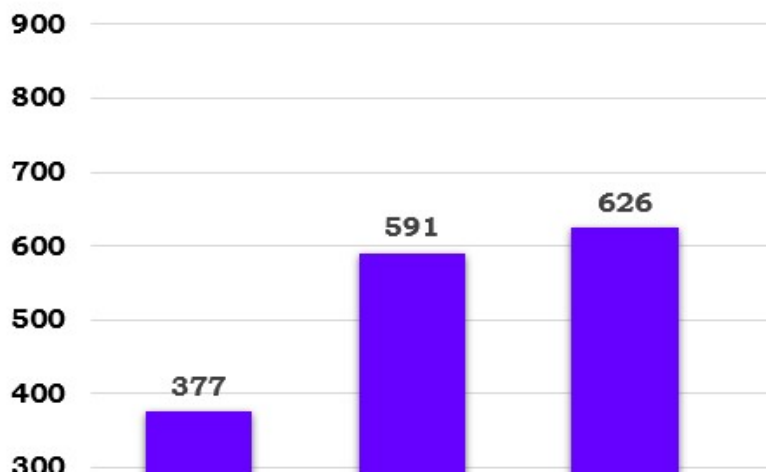
DISTRICT CO-OPERATIVE MILK PRODUCTION SALES REVENUE



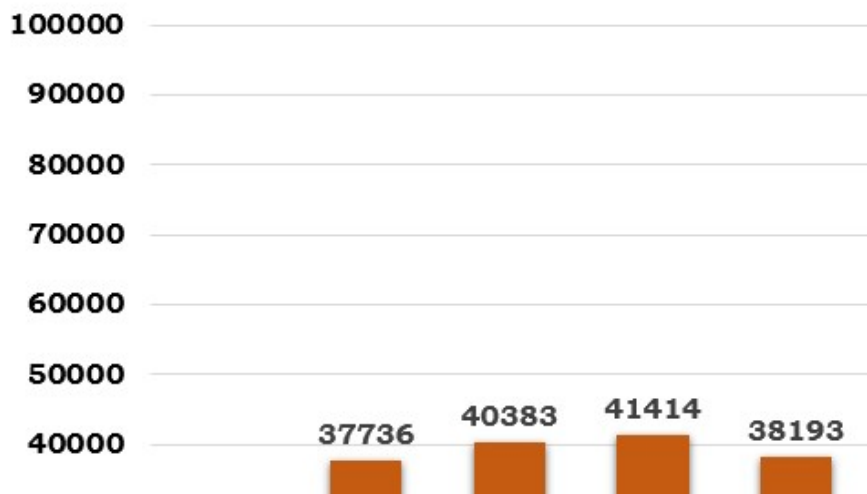
MILK CHILLING CAPACITY



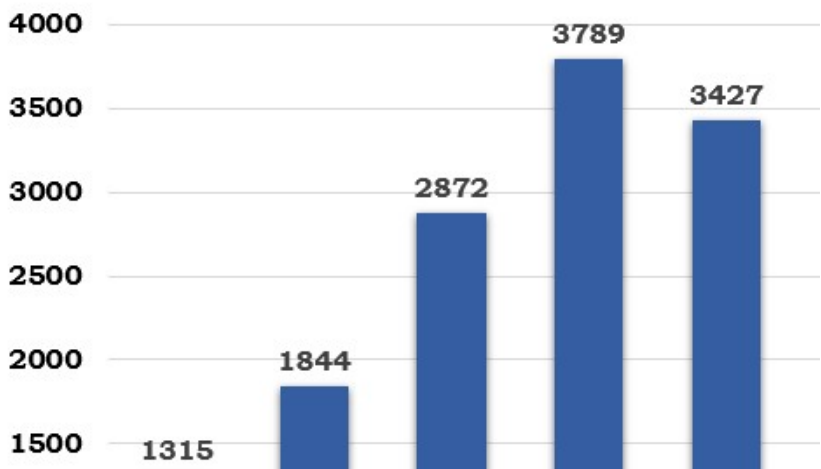
BULK MILK COOLER



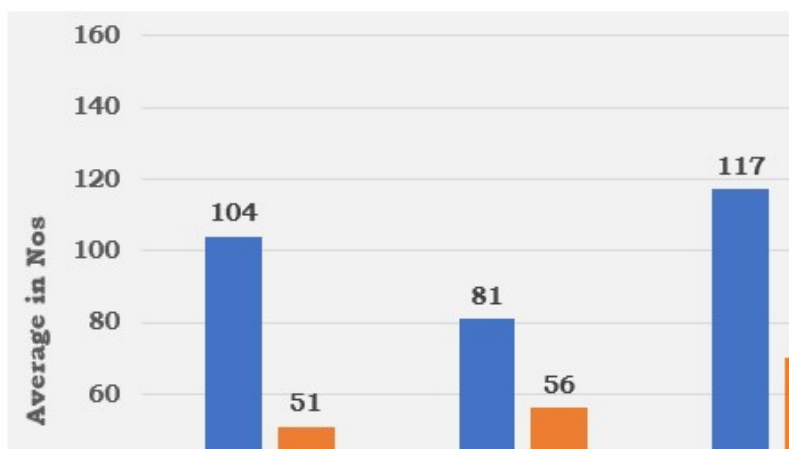
CATTLE FEED PRODUCTIC



MINERAL MIXTURE SUPP.



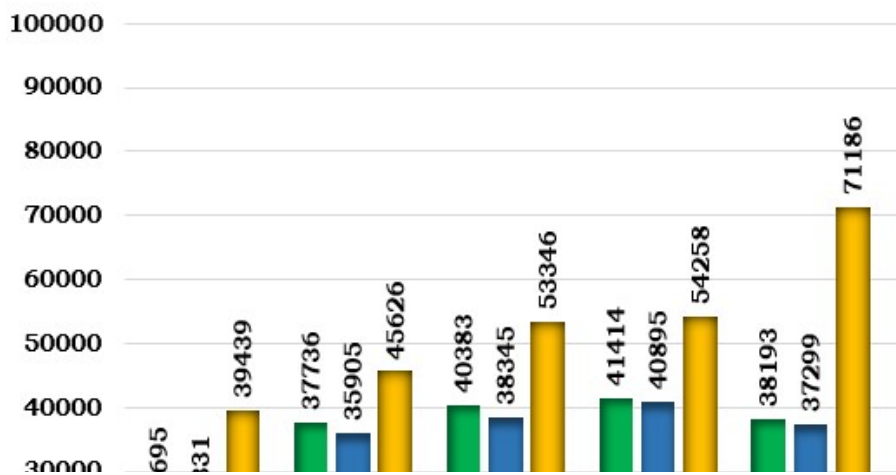
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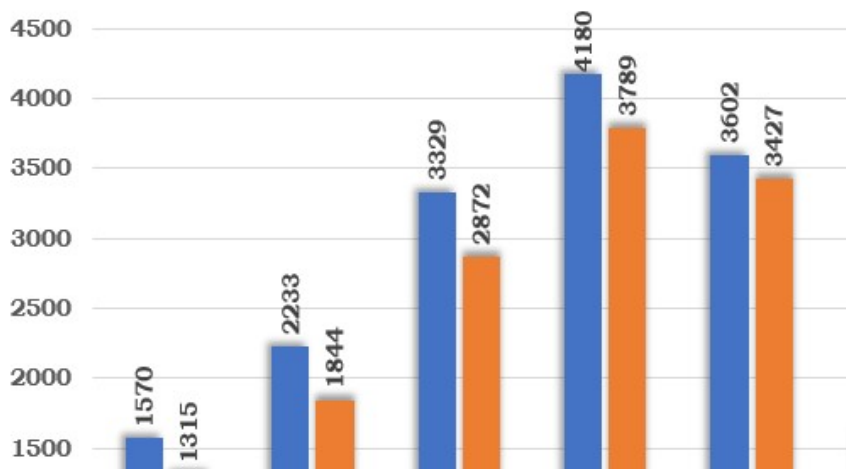
FROZEN SEMEN STRAW PRODU



CATTLE FEED SALES (IN



MINERAL MIXTURE PRODUCTION





The Tamil Nadu Milk Producers Association thanked the Hon'ble Chief Minister of Tamil Nadu for providing an incentive of Rs.3/-per liter of milk on 15.12.2023.



Hon'ble Tamil Nadu Chief Minister inaugurated 1500 MT Capacity cattle feed godown at Erode, Training Center Buildings in Tirunelveli District, Administrative Office cum procurement input office at Dharmapuri, 1500 MT Capacity Skimmed Milk Powder godown at Tiruvannamalai Milk Powder Plant, Tirupur District Milk Producers Union at a total cost of Rs.12 crore on 14.11.2023.



Hon'ble Minister of Dairy Development Department provided liquid nitrogen container to artificial inseminators at Chithode, Erode District Cooperative Milk Producers Union on 27.06.2023.



Inauguration of new parlour at ESI hospital by the Hon'ble Minister for Dairy Development Department



The Hon'ble Minister for Dairy Development Department has inaugurated and delivered keynote address in the training for newly appointed administrative officers of Primary Dairy Cooperative Societies on 21.09.2023 at Madhavaram skill



The Hon'ble Minister for Dairy Development Department is conducting monthly review meeting for District Union GMs and DRs(Dairy).



The Hon'ble Minister for Dairy Development Department has visited Srivilliputhur Dairy and given instructions to produce milk products with good quality and taste.

