

### 3. SUGAR DEPARTMENT

Sugarcane is the backbone of sugar industry which is the second largest agro-based industry in Tamil Nadu. Even in the prevailing water scarce agriculture scenario, the water loving sugarcane crop is a major hope for the agriculturist to sustain their income and also to improve their standard of living. Hence, the water saving and less input consuming technological interventions are being implemented to increase the area as well as productivity of Sugarcane.

In Tamil Nadu, Sugarcane is cultivated in around 3.50 lakh hectares which is 5% of the total cultivable area and Tamil Nadu state ranks 4<sup>th</sup> in sugar production at all India level which is 9% of the national production. During 2012-13 sugar season, the sugarcane crop is cultivated in 3.95 Lakh Hectares in the State and the total estimated sugarcane production is 422.20 Lakh LMT. The cane drawal rate expected for the 2012-13 sugar season will be 50-55%. For the 2013-14 sugar season, it is planned to increase the sugarcane production to 500 LMT and to increase the cane drawal rate to 60-65%.

At present there are 46 Sugar Mills in Tamil Nadu consisting of 16 Sugar Mills in Co-operative Sector, 3 Sugar Mills in Public Sector and 27 Sugar Mills in Private Sector. The name of the Sugar Mills, location, year of establishment and daily crushing capacity are given in the following table.

Sl. No.	Name of the Sugar Mills	Location	Year of establishment	Daily crushing Capacity (Mt./Day)
I	<b>CO-OPERATIVE SECTOR:</b>			
1	Ambur Sugar Mills	Vadapudupet, Vellore Dt.	1960-61	1400
2	Amaravathy Sugar Mills	Krishnapuram, Tirupur Dt.	1959-60	1250
3	Chengalrayan Sugar Mills	Periyasevalai, Villupuram Dt.	1980-81	3000
4	Cheyar Sugar Mills	Anakkavoor, Tiruvannamalai Dt.	1990-91	2500
5	Dharmapuri Sugar Mills	Palacode, Dharmapuri Dt.	1971-72	2000
6	Kallakurichi-I Sugar Mills	Moongilthuraipattu, Villupuram Dt.	1966-67	2500
7	Kallakurichi-II Sugar Mills	Kachirapalayam, Villupuram Dt.	1997-98	2500
8	M.R.K. Sugar Mills	Sethiathope, Cuddalore Dt.	1989-90	2500
9	Madurantakam Sugar Mills	Padalam, Kancheepuram Dt.	1960-61	2500
10	N.P.K.R.R. Sugar Mills	Thalainayar, Nagapattinam Dt.	1986-87	3500
11	National Sugar Mills	B.Mettupatti, Madurai Dt.	1966-67	2500
12	Salem Sugar Mills	Mohanur, Namakkal Dt.	1963-64	2500
13	Subramaniya Siva Sugar Mills	Gopalapuram, Dharmapuri Dt.	1991-92	2500
14	Tirupattur Sugar Mills	Kethandapatti, Vellore Dt.	1977-78	1250
15	Tiruttani Sugar Mills	Thiruvallangadu, Tiruvallur Dt.	1984-85	2500
16	Vellore Sugar Mills	Ammundi, Vellore Dt.	1976-77	2500
	<b>Sub-Total - (A)</b>			<b>37400</b>

Sl. No.	Name of the Sugar Mills	Location	Year of establishment	Daily crushing Capacity (Mt./Day)
<b>II</b>	<b>PUBLIC SECTOR</b>			
17	Arignar Anna Sugar Mills	Kurungulam, Thanjavur Dt.	1976-77	2500
18	Madura Sugars Sugar Mills	Pandiarajapuram, Madurai Dt.	1946-47	1250
19	Perambalur Sugar Mills	Eraiyur, Perambalur Dt.	1976-77	3000
	<b>Sub-Total - (B)</b>			<b>6750</b>
	<b>Total - (A) + (B)</b>			<b>44150</b>
<b>III</b>	<b>PRIVATE SECTOR</b>			
20	Arunachalam Sugar Mills	Malapambadi, Tiruvannamalai Dt.	2001-02	2500
21	Bannariamman Sugar Mills (Unit-I)	Alathukombai Sathiyamangalam, Erode Dt.	1985-86	4000
22	Bannariamman Sugar Mills (Unit-II)	Kolundampattu, Tiruvannamalai Dt.	2009-10	5000
23	Dhanalaksmi Srinivasan Sugar Mills	Udumbium, Perambalur Dt.	2009-10	3500
24	Dharani Sugar Mills (Unit-I)	Narayanapuram, Tirunelveli Dt.	1988-89	2500
25	Dharani Sugar Mills (Unit-II)	Karaipoondi, Tiruvannamalai Dt.	1995-96	4000
26	Dharani Sugar Mills (Unit-III)	Kalayanallur, Villupuram Dt.	2009-10	3500
27	E.I.D.Parry Sugar Mills (Unit-I)	Nellikuppam, Cuddalore Dt.	1942-43	5000
28	E.I.D.Parry Sugar Mills (Unit-II)	Pettavaithalai, Thiruchirapalli Dt.	1957-58	2500
29	E.I.D.Parry Sugar Mills (Unit-III)	Pugalur, Karur Dt.	1939-40	4000
30	E.I.D.Parry Sugar Mills (Unit-IV)	Kurumbur, Pudukkottai Dt.	1999-2000	5000
31	Empee Sugar Mills	Idaikal, Thirunelveli Dt.	2009-10	5000

Sl. No.	Name of the Sugar Mills	Location	Year of establishment	Daily crushing Capacity (Mt./Day)
32	Kothari Sugar Mills (Unit-I)	Kattur, Thiruchirapalli Dt.	1962-63	2900
33	Kothari Sugar Mills (Unit-II)	Sathamangalam, Ariyalur Dt.	2007-08	3000
34	Madras Sugar Mills	Vengur, Villupuram Dt.	2010-11	5000
35	Ponni Sugar Mills	Odapalli, Erode Dt.	1983-84	2500
36	Rajshree Sugar Mills (Unit-I)	Varadaraj Nagar, Theni Dt.	1989-90	2500
37	Rajshree Sugar Mills (Unit-II)	Mundiyampakkam, Villupuram Dt.	1964-65	5000
38	Rajshree Sugar Mills (Unit-III)	Semmedu, Villupuram Dt.	2008-09	3500
39	S.V.Sugar Mills	Palayaseevaram, Kancheepuram Dt.	1995-96	3500
40	Sakthi Sugar Mills (Unit-I)	Sakthi Nagar, Erode Dt.	1964-65	9000
41	Sakthi Sugar Mills (Unit-II)	Sivaganga, Sivaganga Dt.	1988-89	4000
42	Sakthi Sugar Mills (Unit-III)	Poondurai Semur, Erode Dt.	2007-08	4000
43	Sri Ambika Sugar Mills (Unit-I)	Kottur, Thanjavur Dt.	1998-99	4000
44	Sri Ambika Sugar Mills (Unit-II)	Eraiyur Pennadam, Cuddalore Dt.	1965-66	7500
45	Thiru Arooran Sugar Mills (Unit-I)	A.Chittur, Cuddalore Dt.	2002-03	3500
46	Thiru Arooran Sugar Mills (Unit-II)	Tirumandankudi, Thanjavur Dt.	1989-90	6000
	<b>Sub-Total - (C)</b>			<b>112400</b>
	<b>Grand Total (A)+(B)+(C)</b>			<b>156550</b>

Presently, 43 Sugar Mills are functioning in the state and the remaining 3 sugar mills viz., Madura Sugar Mills, Pandiarajapuram, T. Vadipatti Taluk, Madurai District (Public Sector) and the private sugar mills viz. Arunachalam Sugar Mills, Malappampadi, Tiruvannamalai District and Empee Sugars, Idaikkal, Ambasamudram Taluk, Tirunelveli District are not functioning.

The past five years performance and cane area cultivated, registered, and estimated cane crush, sugar production and recovery percentage for 2012-13 are given below:

Crushing season (October – September)	Cane area cultivated (lakh Hectares)	Cane area registered (lakh Hectares)	Cane crushed (lakh MT)	Sugar Production (lakh MT)	Recovery %
2007-08	3.91	2.76	229.68	21.41	9.32
2008-09	3.54	2.29	165.72	15.95	9.62
2009-10	3.09	2.02	142.99	12.70	8.88
2010-11	2.93	2.19	203.12	18.46	9.09
2011-12	3.46	2.75	254.55	23.79	9.35
2012-13 (Estimated)	3.95	2.81	213.95	19.58	9.15

To encourage sugarcane growers, every year the Government of India announces the Fair and Remunerative Price (FRP) on all India basis and the Government of Tamil Nadu announces State Advised Price (SAP) at state level. The sugarcane price fixation is done after considering the cost of cultivation of sugarcane, input cost, availability of sugar and market price of sugar etc. Accordingly the Government of India have fixed the Fair and Remunerative Price of ₹1700 per MT for the sugar season 2012-13 linked to 9.5% recovery with an incentive of ₹17.90 per MT for increase of every 0.1% recovery. The Government of Tamil Nadu have announced the State Advised Price of

₹2350/- inclusive of ₹100 per MT as transport subsidy for the 2012-13 crushing season and the cane payment is being made as per the orders of the Government.

The Government of Tamil Nadu with the aim to augment sugarcane production and to achieve 100% capacity utilization by the sugar mills is implementing various technologies such as Sustainable Sugarcane Initiative, Drip Fertigation, Tissue culture etc. To achieve higher production by means of ensuring efficient utilization of water and fertilizer, the Sustainable Sugarcane Initiative scheme is being implemented in 3000 Hectares during 2012-13 by raising bud-chip seedlings in the shade nets installed during 2011-12 and it is programmed to substantially increase the area under Sustainable Sugarcane Initiative Scheme during 2013-14.

To expand the sugarcane area under drip irrigation, the Government have increased the subsidy from 65% to 100% for drip irrigation to small and marginal farmers and 75% to other farmers which will save around 40% of irrigation water and increase the cane yield by 35 % to 45%. The farmers are also continuously motivated to install drip system in their sugarcane crop to get higher net return.

To enhance soil fertility and to encourage soil micro flora for the benefit of sugarcane crop, the application of bio-fertilizers, organic farming and Integrated Nutrient Management are being implemented in Tamil Nadu. The value added vermi compost is produced from the press mud obtained from the mills and distributed to the farmers for increasing sugarcane productivity. The farmers are encouraged to take up production of vermi compost, bio inputs and organic manure at village level to enrich soil fertility to increase the productivity of Sugarcane.

The Sugar Mills along with Tamil Nadu Agricultural University and other Sugarcane Research Stations have introduced promising high yielding, drought and pest resistant varieties like CoC.24, Co.99004, Co.99006 Co.94012, Co.Si.7, CoG.5 etc. to improve production and productivity of the sugarcane. The existing ruling varieties cultivated are Co.86032, CoC.22, and CoV.94102 etc. The Sugarcane cess fund is also utilized for developing new sugarcane varieties in coordination with Tamil Nadu Agricultural University. More link roads are developed by utilizing sugarcane cess fund to ensure speedy transportation of harvested cane from field to sugar mills thereby the loss incurred by the farmers in terms of weight loss is reduced.