CHAPTER - II

REVIEW OF SUGAR INDUSTRY IN INDIA

- 2.1 INTRODUCTION
- 2.2 IMPORTANCE OF THE SUGAR INDUSTRY IN INDIA
- 2.3 HISTORICAL BACKGROUND OF THE SUGAR INDUSTRY IN INDIA
- 2.4 PROBLEMS OF SUGAR INDUSTRY IN INDIA
- 2.5 NEW SUGAR POLICY OF SUGAR INDUSTRY IN INDIA
- 2.6 SUGAR INDUSTRY IN INDIA BEFORE INDEPENDENCE
- 2.7 SUGAR INDUSTRY IN INDIA AFTER INDEPENDENCE
- 2.8 COOPERATIVE SUGAR INDUSTRY IN INDIA
- 2.9 COOPERATIVE SUGAR INDUSTRY IN MAHARASHTRA
- 2.10 COOPERATIVE SUGAR INDUSTRY IN KOLHAFUR DISTRICT

CHAPTER-II

REVIEW OF EUGAR INJUSTRY IN INLIA

2.1 INTRODUCTION :

preminent position as each crop. Sugar industry is the second largest agro-based processing industry next to cotton and textile industry in India. It is seasonal industry based on perishable raw materials namely sugarcane. Agro-based industries include industrial activities based on the processing of agriculture raw materials and the manufacture of products required for the land and its people. It has also occupied a major place among India's large scale industries.

At present India is one among the First Five major suyer producing countries in the world i.e. the Soviet Union, Brazil and Cabe in respect an uel production of suyer.

Molesses an important by-product is utilised for production of elechol and down Street chamicals. Regasses another important by product apart from meeting the fuel requirements of the industry and offers the potential to generate additional power to supply for grid. It also offers transmitted a potential to make the country self sufficient in its requirements of paper and News prints.

At present, there are about 378 sugar factories in India out of this about 209 are in the Co-operative sector, 101 in the private sector, 68 in public sector. It is an important industry in India. Around 357 sugar industries have produced about 85.00 lack tennes of sugar in the year 1986-1987.

2.2 IMPORTANCE OF SUGAR INDUSTRY IN INDIA :

The sugar industries have total investment of Rs. 2700.00 crores and produce annually output of Rs. 2200.00 crores. It's annual turnover is about Rs. 4000.00 crores. About 25 million cultivators are engaged in growing Sugar case and supply about Rs. 1250.00 crores sugar case to industry.

Sugar industry is an important source of revenue to revenue to revenue to sovernment, is estimated that Government gets about Rs. 500.00 crores annually in the form of excise duty and purchase tax. It also provides foreign exchange earning of Rs. 1360.00 crores to Government treasurery.

Mostly, sugar industry is labour intensive industry.

It creates employment in rural ereas, More than 7% India's rural population is engaged in sugar industry. It provides direct employment to about 3.50 lacks workers and indirect employment of about 2.5 crores of sugar cane cultivators. With the permission of Control Government, sugar factory may increase the working

capacity from 1250 K, tonnes to 2500 K, tonnes in the year 1987.

Thus, 2500 tonnes of crushing capacity provides 1500 to 1600 persons direct employment and indirect employment of 2000 to 3000 persons in the form of harvesting and transport of cabe.

Sugar case is grown in all over India. Around 32.87 lack heckers land is utilised for sugar case cultivation. There are about 339 sugar factories working in the country and each deals with an average 200 villages.

Sugar industry also provides the besic inputs to a number of industries like confectionary sweetness, checolates and so on.

It is aggreed that sugar industry is an agro based industry par excellence and playing very important role in the rural development in India. It also provides leadership to the Co-operative movement in India.

2.3 HISTORICAL BACKGROUND : OF SUGAR INDUSTRY IN INDIA :

industry is started functioning in the 19th century. Production technique of sugar case is quite old in India. Therefore, India is the home of sugar case and sugar manufacture which was recorded in ancient and prohistoric literature such as the Vedas. It has also be maintained the epics i.e. celestical sweets.

The word 'sugar' is drived from 'sanskrit' word 'SAGGRA'.

Sugar is known in other countries with different names viz.

Schaker' in Persion, 'Sukker' in Arabic 'Suker' in Assyrian,

Saccharum' in Italian and so on. Reference of sugar case are

found long ago in the institutes of Manu and treatises of Charka

and Sustate dealing with medicine.

Artheshastra of Chanekya during the period 321-296 B.C.
Alexander, the great European and his soliders were the first foreigness to find super came in 327 B.C. when they came in India. "India is the art of high standard of super making" observed by Chinese Emperor TAI TEUNG (627-650 A.D.) recorded in Chinese encyclopedia of 16 century.

From above it will proved that India is botth place of munufacture of sugar came and sugar.

2.4 PROBLEMS OF SUCHE INDUSTRY IN INCIA

The main problems of sugar industry in India can be enumerated as follows:

A) <u>WIDE FLUCTUATIONS IN PRODUCTION</u> 1

The quentum of production of sugar mainly depends upon the quantum of sugar case grown; the magnitude of complitation

from gur and Khandasari making industries; policy of the Government in the fixation of minimum price of Sugar cane etc. Above all the uncertainties of reinfall still wersen the problem. As a result of all these factors the quantity of sugar cane fluctuates widely leading to corresponding wide fluctuations in the production of sugar. The following table shows the fluctuations experiences by the sugar industry during the last bix years.

TABLE NO.2.1
SUGAR PROJUCTION IN INDIA

Year	Production (in lakh tennes)
1981 - 1982	84.3
1982 - 1983	82.2
1983 - 1984	59.1
1984 - 1985	61.4
1985 - 1986	70.1
1986 - 1987	85,00

SWACE : Co-operative Sugar May 1989.

Above table shows wide fluctuations in sugar production. It is 84.3 lake tonnes in 1981-1982 but it is decreased to 82.2 lake tonnes in 1983-1983;59.1 lake tonnes in 1983-1984. However, it steadily rose to 61.4 lake tonnes in 1984-1985;70.1 lake tonnes

in 1985-1986 and 85.00 lakh tennes in 1986-1987. Thus it is seen that sugar production shows rapid ups and downs in the last few years.

- also seems to be very high in our country. This is mainly due to :
- 1. Uneconcaic nature of production in sugar factory.
- 2. Low yield and short crushing season,
- 3. The high price of sugar case,
- 4. Low sugar cane recovery,
- 5. Heavy excise duties levid on sugar by Government, but the price of indian sugar is higher than world price of sugar, most of Cooperative sugar factories are becoming weapon of politics in the hands of different political parties. Who misuse the funds of the factories which leads indirectly to the cost of production.

C) AND VERY RATE 1

The recovery is the most important aspect in sugar industries which determines the production. It differs factory to factory and state to state. Following table support: this fact.

TABLE NO.2.2

AVERAGE RECOVERY OF BUSINESS IN INDIA

State	Average Recovery	Rank
Maharashtra	10.96	1
Cujarat	10.91	2
Karnetaka	10.16	3
herayena	9.91	4
Punjab	9.68	5
Tamil Made	9.55	6
U.F.	9.44	7
h.r.	9.36	•
Miner	9.22	9
Acto	9.20	10
Kajastan	8,99	11
Grissa	6.93	12
a ondichary	6.91	13
JOB	6.63	14
×erela	8.04	15
ASSAM	7.43	16
sengal	6,67	17

SCURCE : Cooperative sugar Mag. 1989.

From above table it is revealed that Maharashtra state stands 'First' in recovery rate i.e. 10.98%. U.F. is largest augar producing state but recovery rate is less than 10%. Absence of sudern technology and mis management of sugar extration normaly decreases recovery rate.

D GOVERNMENT POLICY :

The sugar policy of the Government of India has been leaking long term perspectives i.e. control, decentral, pertial control etc. have been used in the past in an ad-hea-manner. Government was partial control as permanent mechanism Government policies on consprice; control price of sugar, dual pricing etc. havebeen designed and used for the benefit of sugar factory expers and distributors and for the benefit of the consumers. All these policy factors puts the sugar industries in difficult position.

E) CLEAPETIBLES PALES GUR AND REARDSTAIL MAKING UNITS I

In reral India, Gur making is very famous due to its simple metrade of production. Farmers due to its simple methods of production farmers can easily built our making house with least cost. Farmers are attracted to our making because :

- They get edvance payments even before one year earlier from the Gur Dalas.
- 2. They get full payment of price of the gur at a time seck after its sale is effected.
- 3. No deductions are made by the delals unlike the factories making various deductions on different accounts. Similarly, Khandasari making units confers similar adventages to the farmers.

Due to these advantages generally prefers to send their sugar came to Gur and Khandasari making units. Thus sugar factories face a great deal of competition from . : Gur and Khandasari units.

F) PROBLEM OF BY-PRODUCT .

Another problem of sugar industry is the lack of fuller and proper utilisation of by-products, vis. begasee and moles-ec. These by-products can be used to manufacture fuel, paper and other instruments, alcohal, fertilisers, cattle feed etc. If these by products are used properly, it can bring good ascunt revenue to the factories which leads to reduce the cost of production, but these by-products are not used properly and fully in our country. As a result of this, the cost of production increases.

G) MIS MANAGEMENT .

It has become a matter of public discussion that the management of sugar factories mis use the funds for their selfish ends. It is seen particularly in cooperative sector. In election times erores of ruppees are spent reckless in the rece of getting the chair. Delay in taking decisions, favourable favourties, dishonest selfishness etc. have become a dress ful challenges to the growth and smooth functioning of sugar in lastry.

pospite all handicars and problems, sugar industry has bright prespects as there is abundant supply of res materials, sheap labour and high local market.

2.5 NEW SULAR POLICY OF SUGAR INDUSTRY IN INDIA 1

In 1985-1986, the Union Government has made two changes in the sugar cane policy. They are a

- 1. An increase in statutery minimum price of sugar came and
- 2. The proportion of sugar meant for free sale.

The new Sugar pelicy has fixed at Rs. 16.50 per etls
linked to the basic of 8.5 per cent. This _____ represents an
increase of Rs. 2.50 per etls over the price fixed for the
preceeding season and corresponds in the recommendations made
my Commission on agricultural cost and price.

The second new policy is fixed the statutary minimum cane price for the 1986-1987 sugar season at Rs. 17.00 per ..ts. consequently it is increased in minimum came price, after words, the Govt. has also raised the price of lawy sugar at Rs. 4.40 per Kg.

Rs. 4.80 per Kg. in December 1985. Tatio of levy sugar to free sale sugar is reduced from 63:35 to 55:45.

The Government announced a statutary minimum price of sugar came of Rs.17 per wils for abasic recovery of 8.5 percentage and also announced s.m.p. of Ms. 18 per wils for the year 1987-1986.

to 50.50 for 1986-1987 season. The Government had also created separate somes for ex-factory levy price in respect of North and south Maharashtra, Sourashtra and South Gujarat. The Government had also created south Maharashtra, Sourashtra and South Gujarat. The Government had also created south Maharashtra, Sourashtra and South Gujarat. The Government and For came also revised to Ms. 18.50 per Ltls linked to a basic recovery at 8.5 percent, For the year 1987-1988, because of craught and flood conditions, in the different part of the country.

has fixed the ex-factory price for levy for different zones for the current season. A decision has been taken to increase entrolled price molasses from Rs. 60 per tonne, to ks. 120 per tonne from 1.10.1987. All these measures during the current 1987-1988 season the sugar production upto 7.3.88 has been 57.006 lakk tonnes as against 55.55 lack tonnes in the corresponding periods last year.

accumulation of heavy areas of came price the farmers smifted away from Sugar came cultivation. The area under came decline from 33.98 lack hectos in 1982-1983 to 29.53 lack nectos in 1984-85.

Consequently sugar production dropped to 61.44 lack tonnes in 1984-1985.

As a result of these factors, the country had been compalled to import 38 lakh tennes involving a foreign exchange out go of Rs. 1360 crores during the last three years up to 1986-1987. After words, the statutory minimum came price following years was announced one year in advance.

The following table reveals the different rates of levy and free sale sugar.

TABLE NO.2.3
SUGAR PRICING POLICY IN INDIA

Year	Folicy	Levy in	Free sale in X
1980 - 1981	Partial control	65	35
1981 - 1982	Partial control	65	35
1982 - 1983	Partial control	65	35
1983 - 1984	Fertial control	65	35
1984 - 1985	Fartial control	65	35
1985 - 1986	Fartial control	5 5	45
199 6 - 1987	rartial control	50	50
19 87 - 1988	Partial control	50	50
1988 - 1989	Pertial control	55	45

MOURCE: Cooperative sugar May, 1989.

Above table shows that from 1980-1981 to 1984-1985 the relationship between lovy and free sale sugar was the same i.e. 65:35. However, in the subsequent years the rates were revised. It was 55:45 in 1985-86, 50:50 in 1986-1987 and 1987- 1988 Again it was revised to 55:45 for the year 1989-1989.

2.6 SUGAR INDUSTRY IN INDIA BEFORE INDEPENDENCE 1

TABLE NO. 2.4

TABLE SHOWING TUTAL NO. OF SUCAN FACTURIES AND SUGAN ENGLULIES

BEFORE INDEPENDENCE

Year	No, of sugar factories	Froduction of Sugar (in lakh tonnes)
1930 - 1931	29	1.2
1935 - 1936	135	9.3
1940 - 1941	148	11.1
1945 - 1946	145	9.6

SWACE : Cooperative Sugar March, 1989.

Above table shows phenomenal growth of sugar factories increased in pre-independence period. The No.ef sugar factories increased from 29 in 1930-1931 to 145 in 1945-1946 and also sugar production of these factories increased from 1.2 lakh tennes in 1930-1931 to 9.6 lakh tennes in 1945-1946. This period represents a period of very rapid, almost sudden but unplanned expansion.

2.7 SUUNK INCUSTRY IN INCIDA AFTER INCE ANDERCE 1

During the period 1942 to 1951, sugar industry was passing difficult situation. Output of sugar was fluctuated between about 9 to 11 lack tonnes. Because of wide fluctuations, sugar was decontrolled in December 1947. As a result of it, price of sugar rose rapidly. Moreover, black marketing and hoarding of sugar was taken place. Consequently, the consumers were badly affected, for this reason, Government also recontrolled sugar in 1949.

In 1950-1951, India adopted five year planning for economic development. Fuller utilisation of existing capacity of sugar factories was emphasised in five year planning. But first plan had not provided for magnitude of sugar industry. During the planning period sugar industry achieved more output than fixed target.

of 1951, regulation of Sugar Industry came under the control of Government, of India in the first time. The Government of India provided incentives to the sugar industry by raising the minimum and maximum price of sugar cene, as a result of which the annual production of sugar rose to 15 lack tonnes. The table given below indicates the growth of sugar industry and sugar production during post independence period.

TABLE SHOWING GROWTH AND EXCOUNTION OF SUGAR FAMILICIES AFTER
INDEPENDENCE

Year	Me, of factories	Production of Sugarcane (in lack tonnes)
1950-1951	139	11.0
1960-1961	174	30.2
1970-1971	215	37.4
198 0-1981	315	51.4
1981-1982	320	84.3
1982-1983	321	82.2
1983-1984	326	59.1
1984-1985	329	61.4
1985-1986	342	70.1
1986-1987	354	85.0

bounce : Cooperative Sugar March, 1989.

Above table shows that since 1951 sugar factories and sugar production has, increased rapidly. The No. of sugar factories increased from 139 in 1950-1951 to 354 in 1986-87 and sugar production increased from 11.0 lakh tennes to 85.0 lakh tennes. This picture shows that a great importance has been given to sugar industry after independence in India.

SUGAR PRODUCTION AND EXPORT AT INTERNATIONAL LEVEL |

In the map of sugar producing countries of the world and India occupies pride place in sugar production and its sugar export is also impressive which supports the fact that in addition to remunsrative sugar case prices that are paid to sugar case growers, sugar industry contributes foreign exchange to the national tressurary and helps to control the "Balance of Trade ?

TABLE SHOWING TOTAL SUGAR PRODUCTION AND EXPORT AT INTERNATIONAL LEVEL

Name of the Country	Production of a in M. Tonne.	ugar Export	denk based on production
India	9126270	504050	1
Brazil	8940554	2788245	2
Cube	8039479	7641170	3
America	5417643	-	4
Austrelia	3652204	2503844	5
Thailand	301 6667	2044815	6
Nextce	2739109	•	7
Philipines	2709306	1301098	8
China	1700000	•	9
Pakistan	1000000	-	10

SCURCE: "Godine " July 1985.

In addition to international importance from the point of view of export, another main feature of this industry is continuous increase in sugar factories over the years.

In the conclusion we can say that sugar industry occupies mational importance as it gives remunarative prices to sugar cane growers, acts as an agent of social change and contributes to rural development besides it earns valuable foreign exchange and thus contributes to "balance of trade" of the nation.

In the next sub chapter sugar industry at state level is discussed.

TABLE NO. 2.7

TABLE SHOWING STATE WISE DISTRIBUTION OF SUGAR FACTURES AND SUGAR
PRODUCTION (1906-1987)

State Tesitory	Area (000 hect.)	He, of factories	Duration of crushing (days)	Sugar production (In lakh tonnes)
A.P.	135	31	120	88.08
A## &	046	02	880	21.17
Sihar	112	26	102	37.29
Gujarat	069	12	172	55.56
marayana	124	90	168	67.40
Karnataka	181	24	130	148.54
Kerele	800	02	071	4.12
M.P.	046	08	100	16.46
maharashtra	280	91	128	240.91
Orisea	045	03	086	27.86
runjab	097	11	182	61.10
Rajasthan	029	03	08 8	12.96
Temil Nedu	196	25	184	216.05
U.P.	1678	102	161	847.36
W.Bengal	013	02	045	7.5 7
Pondichery	0 03	02	218	4.60
Gos	002	01	079	0.40
Total	- ₃ 074	353	- T4T	Te57.77

GUURCE : Cooperative Sugar March, 1989.

Above table shows that Maharashtra State had 91 Sugar factories in the year 1986-1987 and ranking second in the map of Sugar industry of India after Uttar Predash.

factories covering 1678, thousand hectors of sugar came, and produced 847.36 lakh tonnes su ar. Though U.F. ranks first in number of sugar factories and sugar came cultivation and sugar production. Gujarat, Assam, Goa, Bengal, Fondichery are trying to come on national map of sugar industry of India.

2.8 COOPERATIVE SULAR INDUSTRY IN INDIA :

At present, cooperative sujar industry plays very important role in the economy of our country. It has been developing commercial dititudes emongst sugar came growers. More and more cooperative sugar factories are coming up which is a symbol of popularity of this kind of business.

sugar cane growers acts as an agent of social change and contributes to rural development. Almost, all sugar cane growers are members of the cooperative sugar factory. Frofit of cooperative sugar factory are distributed among members in the form high sugar cane price or spent on rigional development.

Hefore planning period, there were two Sugar factories in India. One is situated at Etikoppaka in Bihar and another is located at Prayara nagar in Maharashtra. Fellowing table indicates statemise distribution of cooperative sugar factories and sugar production in India.

27

TABLE NO. 2.8

TABLE SHOWING STATERISE COOPERATIVE SUGAR PACTORIES AND SUGAR PRODUCTION IN INDIA (1986-1987)

Etate Union Territory	No. of factories	Sugar Production (in lakh Tennes)
A.P.	18	2.23
Assem	2	0.05
b ihar	-	•
Gujerat	1	5.76
Harayana	7	1.54
~arnataka	14	2.98
Kerala	1	1,54
nor.	3	0.22
maharashtra	84	22,70
Ragaland	•	0.20
Orissa	2	
Funjab	7	1.52
Rajas than	1	0.10
Tamil Nadu	12	3,56
U.F.	29	6.24
west Bengal	••	
GOR	1	0.08
Pondicherry	1	0.29
Total	103	48,94

SCURCE : Cooperative Sugar May, 1989.

2.9 COUPERATIVE COGAR INDOSTRY IN MANAGASHIKA

Maharashtra is pigneer in cooperative sugar industry.

Jo-operative processing units are playing important role in the socio economic conditions of Maharashtra. Availability of infrastructural factors Co-operative sugar factories are increasing rapidly in Maharashtra. Sugar industry in Maharashtra had ranked, first in India in respect of Co-operative sugar factories (1987-1988).

In recent years, there are 91 sugar factories, in maharashtra. Out of this 84 are Co-operative and 7 are private. At present, in maharashtra there are 24 distillaries and 8 paper factories. Out of the total sugar production in incia, maharashtra contributes 35% sugar production.

After Independence, the first co-operative sugar factory was established at pravaranegar in Maharashtra in 1950. From this period on words a large number of Co-operative sugar factories have been established in Maharashtra.

Pollowing Table shows the number of sugar factories in maharashtra during the period 1984 to 1987.

1:02	.c.of that ries	Lo.of factories in Aroquetion
up to 1984	73	67
1 J∈4 –1 98 5	1	77
1505 - 196 6	1 00	7 9
15 6- 19 7		54

Jevan : many made occupantive uarterly spril, 196 .

In this short of the sager stateries are situated in rural the society areas, which will help to achieve the society provides direct employment to 90 to the society of the state of crashing applicity provides direct employment to 90 to the society. It is not interested, 150 crores as purchase tax and concers to admissional, one than 3 lawns workers are employed as advantage can cut the treatment the received as, 50 crores as their negatives. Son raily, edges of the sager incoming undertakes the activities like acted simulational social charitable and other welfure activities.

the cooperative such ascenty has bringing revolutionary changes in the /conditionary or amerashtra in rural area.

It has been responsible for ushering in socialistic pattern of society. The sugar Enquary commission observed that, " In maharashtra the setting up of a cooperative sugar factory as acted as a nucleus for social and economic development of area around and has helped to develop a new class of rural, entrepreneurs.

Thus, the rapid growth of cooperative sugar factory is expected. But it is criticised that due to party politics the benefits of cooperative sugar factories are flowing largely towards rich members."

CALINICIALIS NO OF COOPERATIVE BUG & PACTORIS AND SUGAR CALLUSTION IN MAHAMADATRA IN THE YEAR 1988.

TABLE SHUMING SUGAR PRODUCTION IN MANAGAMINA

District	Mo. of Sugar cooperative factories	Froduction of Sugar (in quantals)
Law rate after than the day day again some day		
Kolhapur	11	5079735
∍angli	07	2336025
atara	06	2351 225
Pouna	06	1445559
Solapur	06	1154429
a asik	C6	1178340
Ahmednagat	13	3393655
Dhule	04	918170
Jalgaon	G3	561030
aurangabad	05	480910
Jalana	02	158085
Beed	04	282135
Usmana bad	02	176265
Latur	03	289500
Nanded	02	234745
Farebheni	03	198765
buldhana	06	3781045
Total		24019609

SOUNCE : Godewa April, 1986.

The above table shows that there are 89 sugar factories in Haharashtra which produced 2,40,19609 qtls of sugar. Out of the total production in Maharashtra, the Kolhayar district has produced highest sugar i.e. 50,79,735 qtls then other district in Maharashtra. Thus; cooperative sugar industry have become a dominant aspect of agro industrial picture in Maharashtra.

THELE SHOWING AVER-DE RECOVERY OF SUGAR IN MANAGRICA

Classes of of Average recovery	District	Average recovery
Below 10.00	Beed Nanded Marbhanai Suldhana Jaina Usmanabad Latur Amravati Nagyur	9.97 9.27 9.84 9.98 9.94 9.86 9.03 5.96 3.10
10.00 to 10.50	Aurangabēd Jalgācn S el ēpur	10.02 10.16 10.27
10.50 to 11.00	ihule Fune Yaya tmal	10.67 10.86 10.59
11.00 to 11.50	a asik ≃ angli	11.22 11.23
11.50 and above	Ahmednagar Kolhapur Satara	11.60 11.53 11.57

SWRCE: Godwe April, 1988.

From the above table it is revealed that the Ahmednagar district stands higher recovery rate i.e. (11.56) than the other district in Maharashtra. As against the low recovery rate are seen in Maggur i.e. (3.10) etc.

2.10 SUSAR INDUSTRY IN KOLHAPSUR DISTRICT :

Since long, Kolhapur has a heritage of sugarcane cultivation but the sugarcane grown was utilised for a gaggery production.

In post dependence period number of cooperative organisations were formed and their spectacular success motivated the sugar cane growers to form their cooperative jaggery production units called as "Fad" with an intension to make this activity more romanarative.

Sugarcans cultivators came together and planned large scale sugar production units and with government initiative guidance and financial assistance with this they could form cooperative sugar factories. At present, Kolhapur has occupied a pride place in the map of sugar industry at present there are 11 sugar factories having crushing capacity of 28000 M.T. of sugar came per year. The statistical information regarding the sugar came crushed, sugar production, recovery of sugar days of crushing, installed and utilised capacity price paid is given in the following table

34 Totale 2002a12

TOBER SHOWING NUTRICITION IN NOWING WALLS

13 3	Memo Of cooperative	Ta luka	crushing capacity (n. f.)	crushed (in tonus)	Jugar produced (in tile)ays of or		Sugar Sugar Sugar	Sold Sold Sold Sold Sold Sold Sold Sold
14	Shoyavati Sahakari Sakhar Karkhana Ltd. (Parite)	Kedhe	2000	497016	594528	179	11.97	(1996- 29.
ri	Shri. Chhashan sahakari Saknar Karkhama bid. (Kagal)	ra de x	1250	25 21.77	289 294	160	11.47	326.0
m	Satta chetakari cahekari Sakhar Karkhana (Asurle Porle)		1250	242884	264431	159	10.89	325.0
•	Jeulat Shetkard Jehakari Sekhar Kerkhane Litd. (Halkared)	Chandgad	1 2000	358615	411822	178	11.48	325.0
•	Deoch Jenga Ved Jenge Sebskari Sekhar Karkbana Ltd. (Bidgi)	4 60 6 X	3500	460661	547154	144	11.83	286.0
•	Catta Sebekari Sekher Karkhana Ltd. Shirol	chira	2500	471121	574946	190	12,13	350.0
	Cadhinglaj Sahakari Sakhar Karkhanai Liti. Gedhinglaj	Cadhtag1	2000 191aj	379847	434355	177	11.43	320.0
•	Kuniti Resert Dendigri Seking Reckling Duc. (Reditte)	Na state	3000	5 28 469	620707	160	11.97	350,0
•	Penchanganga Senakari Sakbar Karkbuna Ltd. Ichalkarenji	ilatkanangi	107e 2000	922710 1	1047613	3	11.67	•
10	Warend Schekeri Sakhar Karkhana Ltd. Warena	Panhala	3000	582485	106674	172	12,13	363.0
7	Chowajaran Sah.Sakhar	MACVORE	2280	353405	394240	163	11.15	325.0

TABLE SHOWING CAPACITY UTILISATION OF SUGAR COOPERCATIVES IN KOLHAFUR DISTRICT (1997-1986)

9 r •	No.	Name of cooperative sugar factory	Sugarcane crushed in K.T.	Days of crushing	Insualled capacity	ood eapseity is X
1.	ranc kark	nganga sahakari sakhar hana bid. Ichalkaranji	922710	194	5000	95.12
2		na Sahakari Sakhar hana Ltd. Harana	5 8 24 85	172	3000	182,86*
3.		hai Kasari Jahakari ar Karkhana Ltd. tre	518469	160	3000	108,61*
4		evati Sehekeri Sakher hame Ltd. Ferite	497016	179	2000	136,83*
5		a Sahakari Sakhar hana Ltd. Shirol	471121	190	250 6	99.18
6	o altra	h Ganga Ved Ganga xari Sakhar Karkhana Bidri	460661	144	3500	91.40
7	-akh	inglej S ahakari er Kerkhene Ltd. inglej	379847	177	20 06	107.30*
8	-akh	at Sh etakari Jahakari er K erkhana Ltd. arni	358615	178	2000	160.73*
9		Renerem Jahakeri Sakher hana Utd. K.Davada	35 3405	163	2200	98.55
10		Shahu Sahakari Sakhar hana Ltd. Kagal	25 2 177	160	1250	126.08*
11	akh	a Shetakari Sahakari er Karkhana Std. le Porle	242984	159	1250	122 ,20 •

SOURCE : Same as Table No. 2.12.

^{*} This indicates that the over utilisation of plant on account of availability of excess sugarcane.

TABLE STORING SUGAR PROJUCTIONALS AMMING OF SUGAR COST STATIVES

IN KULHARUR SISTAICT

<i>□</i> r •	No. Name of cooperative Sugar Factory	in (Mantals)	d % to total sugar production
1.	kanchyanya bahakari bakhar Karkhana Ltu. Ichalkaranji	10,47,613	17.39
2.	marana bahakari dakhar Karkhana Ltd. maranamagar	7,06,674	12.00
3.	Kumbhi Kasari Sahakari Sakhar Karkhana Ltd. Kuditra	6, 20, 707	10.55
4.	Ehogavati sahakari sahakari Shakhar Karkhana Ltd. karite	5,94,828	10.10
5	Shri, S ette Sahekari Sakher Karkhena Ltd. Sh irol	5,74,946	9.97
6	Doodh Ganga Ved Ganga Sahakeri Gekher Karkhane Ltd. Bidri	5,47,154	9.30
7	Jadhinglej Sahakari Sakhar Karkhane Ltd. Jadhinglej	4,34,355	7.38
8	Daulat Shetakeri Sahakeri Sakhar Karkhane Ltd. Halkarani	4,11,822	7.00
9	Chh. sajaram sahakari sakhar Karkhana Lto. Bavada	3,94,240	6.70
10	Ch shehu sahakari sakhar Karkhana Lto. Kagal	2,89,294	4,91
11	Dëtta Shetakeri Sahakari Sakhar Kerkhen Ltd. Asurle Forle	a 2,64,431	4.50
***	Total	60,86,064	100.00

Sounce : same as Table No. 2.12.

Above table shows that the Panchanganga Sahakari sakhar karkhana Ltd. Ganganagar has produced maximum Sugar.

THALE NO.2.15

THALE NO.2.15

THALE NO.2.15

THALE NO.2.15

KOLHAFUR LISTRIC: (1987-1988)

er.	No.	Name of cooperative	Augar Recovery	eank
1		na sahakari Sakhar Karkhana Sarananasar	12,13	1
2		a Jehakari Jakhar Kerkhana Jhirol	12,13	1
3		avati Jahakari Jakhar hana Ltd. Farite	11.97	2
4		hi Kasari Dahakari bakhar hana Dio. Kuditre	11.97	3
5		h Ganga Ved Ganga Sahakari ar Karkhana Ltd. Bidri	11.86	3
5		et Shetakari Sahakari Sakhar hana Ltd. A surle Porle	11.48	4
7		.Chn.shahu sahakari sakhar hana Ltd. Kagal	11.47	5
8		hanganga bahakari bahakari ar Karkhana Ltd. Ichalkaranji	11.47	5
9		inglaj sahakari sakhar karkhar sadhinglaj	11.43	6
10		kajaram pahakari bakhur merkhe Kasaba Bavada	na 11.15	7
11		a Shetakari Sanakari Sakhar Ka A Ltd. A s urlo Porle	10.89	8
-	-			Mile date date adjo augs also

bullica : Jame as Table No. 2.12.

TABLE NO. 2.16

TABLE SHOWING PRICEWILE HARRING OF SUGAR CONTRACTOR IN ACCESSED

115THICT (1986-1987)

Sr.	NO.	Name of cooperative sugar factory	per tonne (in Ms.)	Menking
1		gavati sahakari sakhar khana Std. Parite	374	1
2		ana Jah _e kari Sakhar Kerkhana • arananagar	363	2
3		i. Datta Sahakari Sakhar khana Did. Shirol	350	3
4		bhi Kasari Janakari Jakhar Khana itu. Kuditre	350	3
5		.bhahu sahakari sakhar Karkh . Kagal	ana 326	4
6		ta Shetakari Sahakari Sakhar khana Etd. Asurle Porel	3 25	5
7		lat Sh etakari Sahakari .akha Kha na L td. — Salkarani	r 325	5
8		.kajaram bahakari bakhar kar .K.bavada	khana 325	5
9		hinglaj Sahakari Sakhar Kark . Sadhinglaj	hene 320	6
10		dh wanga ved wanga sehakari har Karkhana btd. Bidri	288	7
11		changanga wahakari wakhar khana Ltd. Ichalkaranji	-	***

bounds s same as Table No. 2.12.

It can be concluded from the above table that there are it cooperative sugar factories in Kolhapur District, which consist of 12 Taluka. In Karveer and Kagal Talukas there are two cooperative sugar factories each, running effectiatly giving remunerative price for the sugar case supplied i.e. above Ha. 300/per tonne. Three more proposals for farming cooperative sugar factories are pending with Government.

of M. Fonnes. in a season consisting of 150 to 195 days per year.

With annual sugar production of 69 lakh quintals. Sugar recovery is with in the range of 10.89 to 12.13 highest sugar recovery.

28000 %... and almost all the factories are successful in crossing the lienced capacity has almost doubled the crushing over the years. Many of the factories has applied for expansion to the covernment Highest crushing capacity has been shown by "whri. Hanchanganga, wahakari wakhar warkhana itd. Wanganegar, Ichalkaranji, the organisation under study i.e. 9,22,710 M.T. and lowest crushing has been registered by watta wahakari Sakhar Marxhana itd. Asurla Porla.