



SURAT DISTRICT CO-OPERATIVE MILK PRODUCERS' UNION LTD
SUMUL DAIRY, SURAT. 395008 (GUJARAT)



65th

ANNUAL REPORT 2015-2016



YEAR 2015 - 16 AS A PROGRESSIVE YEAR AT A GLANCE

SR	DETAILS	(2014-15)	(2015-16)
1	Average rate of kilo fat	622.50 Rs	691 Rs (+ 68.50 Rs)
2	Rate difference per kilo fat	45 Rs	55 Rs (+ 10 Rs)
3	Paid to milk producers	1,386 Cr. Rs	1,738 Cr. Rs (+ 352 Cr. Rs)
4	Annual turnover	2,336 Cr. Rs	2,537 Cr. Rs (+ 201 Cr. Rs)
5	Milk Procurement	40,51,61,596 Kg	50,12,38,514 Kg (+ 23.71%)
6	<ul style="list-style-type: none"> Total Milk sale Ltr. Butter milk sale Ltr. Curd sale Kilogram Ghee sale Kilogram Paneer sale Kilogram 	39,38,32,763.70 4,06,03,545.80 21,38,093.20 37,85,111.00 6,22,581.10	41,18,59,493.95 (+ 4.58%) 4,94,72,986.30 (+ 21.84%) 26,99,633.20 (+ 26.26%) 39,57,612.00 (+ 4.56%) 7,38,003.20 (+ 18.54%)
7	Milk House assistance	<ul style="list-style-type: none"> Rs. 111.95 Lac assistance to 94 milk socteties Rs. 29.25 Lac interest free loan to 24 milk socteties 	<ul style="list-style-type: none"> Rs 130.37 Lac assistance to 131 milk socteties Rs 49 Lac interest free loan to 31 milk socteties Government land at Rs. 1 as a token rate for 15 years to 11 socteties powered by ladies.
8	Mahila Sanman Loan project	<ul style="list-style-type: none"> Members - 5,558 No of animals - 6,002 Amount - 24.72 Cr. Rs 	<ul style="list-style-type: none"> Members - 11,500 No of animals - 13,998 Amount - 50.59 Cr. Rs.
9	Unit loan project	<ul style="list-style-type: none"> Socteties - 133 Members - 389 No of animals - 2,371 Amount - 11.47 Cr. Rs 	<ul style="list-style-type: none"> Socteties - 143 Members - 897 No of animals - 4,109 Amount - 20.23 Cr. Rs
10	Application under Nabard	<ul style="list-style-type: none"> Members - 103 No of animals - 585 Amount - 1.23 Cr. Rs. 	<ul style="list-style-type: none"> Members - 752 No of animals - 2,765 Amount - 5.17 Cr. Rs.
11	IDDP project	<ul style="list-style-type: none"> No of animals - 4082 Subsidy - 13.23 Loan - 7.98 Cr. Rs. 	<ul style="list-style-type: none"> No of animals - 1152 Subsidy - 3.73 Cr. Rs. Loan - 2.29 Cr. Rs.
12	Ladies savings group	<ul style="list-style-type: none"> Villages - 104 Saveing Groups - 220 Ladies - 5,501 Amount - 1,03,07,094 Rs. 	<ul style="list-style-type: none"> Villages - 236 Saveing Groups - 562 Ladies - 14,113 Amount - 2,21,77,724 Rs.
13	Foder seed	780 MT	1025 MT
14	Suda (hand operated) Electric chaff cutter Electric chaff cutter (Govt.)	03 407 -	17 811 259
15	Members bank account	-	70,133 members
16	Plastic Surgery	41 patients treated	47 patient treated
17	Tree plantation (horticulture)	2,08,678 plant at Rs 10	2,89,751 plants at Rs 10



SURAT DISTRICT CO-OPERATIVE MILK PRODUCERS' UNION LTD **P.B. NO. 501, Sumul Dairy, SURAT 395 008**

Notice:

This is to inform that, 65th Annual General Meeting of the Surat District Co-operative Milk Producers' Union Limited will meet on 28-06-2016, Tuesday at 10.00 A.M., at Shri Charotaria leuva Patidar Seva Samaj Trust at Gangadhara of Palsana taluka for clearing the following work. So, authozed Representatives of the Societies are requested to present in this meeting.

Agenda :

1. To tender Homage to much-lamented.
2. To confirm the preceding of previous General Meeting.
3. To note the actual expenditure made durring the year 2015-16 as against the provision made in the budget.
4. To approve the annual report of control committee for the financial year ended on 31/03/2016 & Spiecial auditor (Milk), Milk Auit office, Surat & N. C. Majithia (Paetner-M/S A. D. Ruparel Co. CA - Ahmedabad) certified accounts with proside business & profit - loss.
5. To grant the distrinution of the profit as recommended by the Board of Directors.
6. To approve the Budget for the year 2015-16.
7. To view the Audit Report of Special auditor (Milk), Milk Audit office, Surat & N. C. Majithia (Parther - M/S A. D. Ruparel Co. CA - Ahmedabad), Surat.
8. To approve the milk tanker being unloaded in the union & to do automatic CIP & automation being made in the process department & pouch section.
9. To approve the investment of union money to establish an advance bakery.
10. To fix the limit of the outsides' debit as per Clause No. 6 of the Bylaws of the Union.
11. To fix the Traveling Allowance and the rate of Daily Allowance for attending the Board Meetings and Sub Committees.
12. To View whatever presented by The Chairman or with his approval.

Sumul Dairy, SURAT 395008
Date : 14.06.2016

As per order of the Board of Direvtors
Jayesh H. Desai
Managing Director

SURAT DISTRICT CO-OPERATIVE MILK PRODUCERS' UNION LTD

P.B. NO. 501, Sumul Dairy, SURAT 395 008

Telephone: 2537693, 2538717, 2531666, 2531137	Registration No — P. D. 688 dated - 22/08/1951
Fax: 0261 2533572	Audit Class — A
Society members: 822	Personnel Member — 6

COMMITTEE MEMBERS : 2014 — 2015

1	Shri Rajeshkumar Kantilal Pathak At - Mosali Taluka - Mangrol, Dist - Surat Chairman	Representative: Mosali Dudh Utpadak Co operative Society, Ltd. Mobile: 9825107530 / 98792 07530
2	Shri Riteshbhai Amarsinh Vasava. At & Post - Wadi, Taluka - Umarpada Vice Chairman	Representative: Wadi Dudh Utpadak Co operative Society, Ltd. Mobile: 9909374848
3	Shri Mansinhbhai Kalyanjibhai Patel. Vanskui, Taluka - Mahuva, Dist: Surat	Representative: Vanskui Dudh Utpadak Co operative Society, Ltd. Mobile: 9979875301 / 9913342000
4	Shri Pravinbhai Namlabhai Gamit Goraya Falia, At & Post - Vyara - 394650, Dist: Tapi	Representative: Vyara Dudh Utpadak Co operative Society, Ltd. Mobile: 9979484300
5	Shri Arvindbhai Singabhai Gamit At & P: Pipalkuva, Taluka - Songadh - 394660, Dist: Tapi	Representative: Pipalkuva Dudh Utpadak Co operative Society, Ltd. Mobile: 9712017388
6	Shri Jayeshbhai Natvarbhai Patel At - Delad, Post: Sayan, Taluka - Olpad - 394540, Dist: Surat	Representative: Delad Dudh Utpadak Co operative Society, Ltd. Mobile: 9979911666
7	Shri Nareshbhai Bhikhabhai Patel At & Post - Bootwada, Taluka - Valod Dist - Tapi	Representative, Bootwada Dudh Utpadak Co operative Society, Ltd. Mobile - 9825873603
8	Shri Bharatsinh Gumansinh Solanki At & Post: Dambha, Taluka - Palsana - 394314 Dist: Surat	Representative, Kharbhasi Dudh Utpadak Co operative Society, Ltd. Mobile: 9979500055
9	Shri Ajitbhai Jagubhai Patel At & Post Kharvasa, Taluka — Bardoli, Dist: Surat	Representative, Kharvasa Dudh Utpadak Co operative Society, Ltd. Mobile: 9879524843
10	Shri Bharatbhai Sudambhai Patel At & Post: Velda, Taluka — Nizar Dist-Tapi	Representative, Velda Dudh Utpadak Co operative Society, Ltd. Mobile: 8000871065



11	Shri Sunilbhai Ratanjibhai Gamit At & P: Jamki, Taluka - Uchchhal Dist: Tapi	Representative, Jamki Dudh Utpadak Co operative Society, Ltd. Mobile: 9687056108
12	Shri Balawanbhai Morarbhai Patel At & P: Choryasi, Taluka - Kamrej Dist: Surat	Representative, Choryasi Dudh Utpadak Co operative Society, Ltd. Mobile: 9725342133
13	Shri Anantbhai Jagubhai Patel At & P: Hajira, Taluka - Choryasi Dist: Surat	Representative, Hajira Dudh Utpadak Co operative Society, Ltd. Mobile: 9825765470
14	Shri Resabhai Vasabhai Chaudhari At & P: Sathvav, Taluka - Mandvi Dist: Surat	Representative, Sathvav Dudh Utpadak Co operative Society, Ltd. Mobile: 9879674793
15	Shri Jitendrabhai Shivprasad Upadhyay At & P: Pati, Taluka - Vyara Dist: Tapi	Representative, Pati Dudh Utpadak Co operative Society, Ltd. Mobile: 9427460248
16	Shri Sanjaybhai Babanbhai Suryavanshi At & P: Amosa tarfe Taloda, Taluka - Kukarmunda Dist: Surat	Representative, Amosa tarfe Taloda Dudh Utpadak Co operative Society, Ltd. Mobile: 9427460248
17	Shri District Registrar, Cooperative societies, Surat	Representative, Shri Commissioner Cooperatives & Registrar Cooperative societies, Gujarat state.
18	Shri Minesh Shah	Representative, National Dairy Development Board, Anand
19	Shri Atul Agrawal / Himanshu Bhatt	Representative, Gujarat Cooperative Milk Marketing Federation Ltd; Anand
20	Shri Jayeshbhai Harsharai Desai	Representative, Managing Director, Ex. Officio, Member Secretary, Sumul Dairy, Surat.

Bankers

The Surat District Cooperative bank Ltd
State Bank of India, Surat
Axis Bank, Surat
Dena Bank, Surat
ICICI Bank, Surat
Bank of India, surat.
HDFC Bank, Surat
Kotak Mahindra bank, Surat

Auditors

Shri H. C. Chaudhari
Shri Spiecial Auditor (Milk), Milk Audit office, Surat.
M/S A. D. Ruparel & Co.
C. A. (Registration no - 126194)
C. A. N. C. Majithia - Partner
Membership no - 112090 panel no 424

SURAT DISTRICT CO-OPERATIVE MILK PRODUCER'S UNION LTD. SURAT-8

Year	Societies	Milk Procured from societies (kg.)	price paid per kg. fat Rs. ps	Members of Societies	Pacca Building of milk collection centers owned by Societies	Artificial Insemination Trained Emppo-yees	No. of A.I. Cases	Pregnancy Diagnosis	Mobile Veterinary Clinic	No. of Animals Treated by Mobile Veterinary Clinic	Special Veterinary Visit	Sale of Sumul Feed (M.T.)	Frozen Semen Centers
1989-90	765	7,99,91,951	91.67	1,42,165	142	31	8,323	11,015	13	5,277	99,197	62,872	86
1990-91	780	9,39,20,017	95.67	1,45,520	160	10	10,232	16,206	14	5,533	1,37,778	60,698	85
1991-92	798	9,70,82,536	115.73	1,50,180	205	14	10,584	15,088	14	7,074	1,47,856	61,553	94
1992-93	830	9,88,82,959	128.45	1,56,448	323	26	8,391	20,084	14	6,375	1,28,185	54,466	101
1993-94	849	11,22,80,311	132.46	1,58,088	330	28	11,079	22,114	16	8,278	1,51,490	56,281	65
1994-95	864	10,84,29,871	151.13	1,59,927	335	55	10,692	20,924	16	8,257	1,49,529	57,286	68
1995-96	900	11,69,66,093	176.75	1,95,312	361	22	16,815	33,239	17	10,258	1,76,397	61,668	77
1996-97	915	16,09,29,736	179.68	1,98,506	376	34	21,067	39,921	19	17,752	2,40,117	69,202	83
1997-98	940	18,77,96,293	184.67	2,03,906	398	8	22,807	49,047	19	21,128	3,13,311	82,597	89
1998-99	953	17,75,35,980	195.00	2,04,205	415	19	23,734	51,665	21	27,597	3,37,997	83,441	89
1999-00	960	18,56,81,310	199.00	2,05,546	470	23	33,505	55,216	21	30,596	3,71,384	82,264	100
2000-01	968	20,58,40,280	202.00	2,07,258	591	25	45,391	41,408	21	33,982	4,75,781	86,886	107
2001-02	977	19,81,62,669	205.00	2,09,208	677	59	52,251	73,278	21	39,337	5,14,620	96,663	115
2002-03	994	21,12,63,522	207.92	2,13,710	749	66	66,485	83,941	22	42,521	4,99,403	91,907	125
2003-04	1,006	20,73,02,286	216.00	2,17,615	774	70	83,765	93,326	21	55,220	5,92,200	1,01,492	140
2004-05	1,041	23,03,92,433	227.00	2,18,975	809	86	1,23,435	94,400	22	61,299	5,06,897	99,972	162
2005-06	1,048	25,17,46,629	233.00	2,21,057	881	127	1,40,120	1,18,304	22	79,953	4,48,797	1,06,491	165
2006-07	1,051	24,07,84,167	253.00	2,22,207	886	137	1,64,862	1,39,894	22	66,806	4,41,105	1,25,806	176
2007-08	1,055	24,33,37,021	295.00	2,23,207	891	106	1,94,325	1,63,495	22	96,602	4,88,628	1,15,861	201
2008-09	1,063	28,28,70,876	318.00	2,24,437	910	60	2,38,142	1,78,741	22	1,15,154	5,49,285	1,31,100	226
2009-10	1,068	29,50,69,162	350.00	2,25,389	915	80	2,70,714	2,11,487	22	1,36,104	6,14,456	1,39,254	243
2010-11	1,068	29,64,56,069	410.00	2,28,164	934	44	3,18,352	2,52,853	22	1,25,827	6,56,951	1,40,438	255
2011-12	1,076	32,60,83,990	485.00	2,28,924	940	73	3,52,381	2,91,142	22	1,37,585	4,74,406	1,50,385	262
2012-13	1,080	39,79,98,669	511.00	2,29,456	948	103	3,93,388	1,81,906	23	1,35,499	5,51,819	1,63,356	269
2013-14	1,095	39,03,20,107	568.00	2,30,406	954	121	4,01,133	3,28,547	23	1,26,063	4,57,741	1,33,709	297
2014-15	1,125	40,51,61,596	622.50	2,33,151	984	144	4,43,740	3,48,526	23	1,19,724	5,69,561	1,36,341	345
2015-16	1,141	50,12,38,514	691.00	2,35,301	1,009	90	4,64,305	3,61,162	26	5,44,901	1,26,639	1,34,611	398



A report to be presented in 65th Annual General Meeting on 28/06/2016 is approved in the meeting of the committee members held on 09/06/2016.

Dear Cooperative Friends,



I am pleased to welcome all representatives of co-operative milk societies associated with the Union present in the 65th Annual General Meeting of the Union, and, present before you the Annual Accounts of the year 2015-16, and Audited Report duly approved by the Board of Directors and certified by Auditor

During the academic year milk producer does not face financial crisis even in adverse condition also, by keeping it in mind union has paid 58 Rupees more than the last year

During the academic year, to make animal husbandry practice strengthened, affordable & profitable union has implemented various scientific projects like FIP, PEP, Anima breeding, Animal treatment, FDP, RBP, Chaff cutter, Milking machine. AMCS, BMC resulted in to increase the milk production & to decrease the prouction cost. By the successful implementation of such programmes we have got success to increase the milk prouction per animal & milk procurement. To make speedy breeding & rearing indeigenous cattle (Gir cow) union has tried a lot of efforts & with a view our milk producer get an affordable amount our union has paid Rs 691 per kilo fat to our milk producer.

During the whole year, though fodder seed cost & raw material of cattle feed were very high we were successful to fulfill the supply of cattle feed at no loss basis that controlled the production cost

During the year historcal milk production & procurement of total 5012381514 KGs. With an intension that the city men get high quality milk, union processed the maximum liquid milk by improving marketing network maximum milk sale of 411859493.95 Ltrs successfully.

In future, milk production & milk procurement point of view, a new SMP plant & a Ice cream plant are being planned by the union. At present union has implemented a new food safety law by the training programmes at society level & union level is being implemented. Thus even in various adverse condition we were successful to pay maximum to our milk producers, to decrease the production cost & to get record milk income.

1. UNION MEMBERSHIP:

Number of Primary Milk Producers' Co-operative Societies affiliated with the Union is 822, at the end of accounting year.

2. BOARD OF DIRECTORS:

The period of the committee of 16 Talukas of the union was completed on 13/07/2015. To fill all these seats Depucollector of city prant was being infoemed by the District registrar & all these seats being filled by the election procedure as per cooperative laws by them for remaining period.

3. BUSINESS & FINANCIAL POSITION:

The total turnover of the union is **Rs.2537** Crores (with sales, auxiliary income & stock) which is **8.56%** means **201** Crores more than the previous year. Total sales of the union were recorded Rupees **2283** crores which is **7.38%** means rupees **157** crores more than the previous year. Depreciation of Rupees **1820** lakh & Rs Rupees **120** lac for Income tax provision, union has achieved the profit of **Rs.44068169.00** net profit at the end of the year **2015-2016**

Board of Directors has recommended distributing 15% Dividend, within the limit of provision in Co-operative act

4. AUDIT:

Audit procedures of milk producing societies and the Union are governed by the audit board under continuous and concurrent audit scheme.

5. MILK PROCUREMENT:

With an intention various assistance plans & loans for cattle purchase were being made implemented that increase in milk production & milk procurement by milk societies in our milk shed area in which little progress is being noticed.

To cop up the demand of Surat city, union had procured from other area also. During academic year total **501238514** kilo milk is been procured which indicates **23.71%** more than last year.

To make business of milk well **affordable** we could able to give **691.00** Rs perkilo fat with **11.00%** increase in comparison of **622.50** Rs per kilo fat last year due to implementation of result oriented projects in various work patterns.

Details	2014-15	2015-16
Cow milk Kilogram	27,33,88,725	34,10,06,416
Buffalo milk Kilogram	13,17,72,871	16,02,32,098
Total Milk Kilogram	40,51,61,596	50,12,38,514
Total Kilo fat	2,05,31,033	2,51,69,963
Total Kilo SNF	3,52,09,087	4,35,11,832

6. MARKETING / SALE:

During the year we have made 8.40% (Milk/Butter milk + Product sale) more turnover in which Milk sale in Surat city increased to 3.53%. During the whole year inferior milk been marketed on big scale from Saurashtra & Maharashtra & experienced the the " Price war" in milk & its byproducts in which we could maintain the price factor.

Maximum daily milk sale has been reached up to 1212365 litres & butter milk sale reached up to 208464 Ltrs to year. During the year it has been increased 3.53% in milk sale in Surat city, during the whole year sale of sweet increased by 4.55% & sale of Shrikhand increased by 5.94%.

No.	Details		
1	Sumul Total Milk Sale	411859493.95	4.58%
2	Surat city Total milk sale	351536101.95	3.53%
3	Butter milk sale	49472686.30	21.84%
4	Curd sale	2699633.20	26.26%
5	Ghee sale	3957612.00	4.56%
6	Paneer sale	738003.20	18.54%

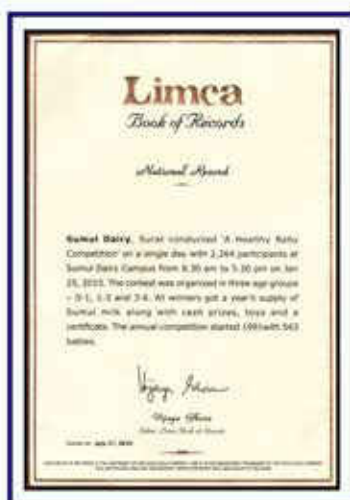


Dudh Sanjivani Yojana:

During the year total milk given (litres)	During the year Rupees received from Government (Rs. Paia)
2398682.40	107455580.00

Under the "Dudh Sanjivani Yojana" of TSP of Gujarat Government & ICDS of Surat Jilla Panchayat Children of Surat & Tapi districts are being given milk which is one of the difficult work being handled by Sumul Dairy & due to this unnourished children get nourishment in remote rural area.

Sumul Healthy Baby Competition:



Sumul has grabbed its place in "Limca book of record" the National class award for maximum baby competitors participated in a day in "Sumul Healthy Baby competition"

International Drawing Competition:

On 23th annual world children contest in Japan from 1st June children between 6 - 15 year group arranged by IE-NO-HIKARI association & international co operative alliance (ICA) & 26288 children participated from 77 countries decided by NCUI out of which 200 children were eligible to get prize at international level. 7 Children from India & out of that through Sumul Dairy Miss Puja S. Prajapati received an honourable mention which was the contribution to be proud where sumul dairy tried for it since last 24 years.



Visit of Sumul Dairy:

27957 students from 256 schools belong to Surat city & rural areas visited the Sumul dairy & get the details of Sumul dairy process.

7. Development programme of Milk societies & Milk production

7.1 AUTOMATIC MILK COLLECTION STATIONS:

With the aim of procuring fresh and clean milk at the society level along with enhancing self-assurance while getting slip showing Milk Fat, SNF, quantity and price of milk supplied by member during milk collection, **Automatic Milk Collection Stations** are installed at milk societies. A software package for entire accounting procedure of the society having modern facility has been incorporated therein. To facilitate run Automatic Milk Collection Station continuously where constant electricity supply is not available, solar-energy operated systems have been arranged in such 190 milk societies.

To get the details of receiving of the societies having BCU, 400 societies are being made online by which all the details of receiving could be received over here & Milk collection data are being stored over here. So, whenever problem arises in this regard, details could be received from here.

Details	2015-16
Automated Milk Collection Centre	1907
Weighing scale & Milko tester	108
Weighing scale	193

7.2 (A) BULK CHILLING UNIT:

To maintain & control the reasonable standards of the production, to maintain the quality in the procurement & the processing of the milk & Sumul is the best example in this regard. To make milk and milk products as per international standards, milk having high quality need to be procured right from the village level; so Union has commenced "Bulk Chilling Units" having different capacities to facilitate chilling at the place of production, Which has helped to improve quality of milk; and, milk of two three times can be brought by single trip as per suitability of time, and also society can collect milk at their desired time and preserve milk by chilling. Immediate cooling of the milk leads to stop the growth of the micro organism. So, dairy gets about 67% of ilk having MBRT of 4 — 5 hours due to which we could be able to supply high quality milk in the market.

Details	Active
2014 - 2015	408
2015 - 2016	482



7.2 (B).....ISO 9001 : 2008 CERTIFICATION OF SOCIETIES.

To improve in milk quality & To improve administration societies have tried to get ISO:9001:2008 certificate of international standards during the year 2015-2016 & such certificates were received in 81 societies during the year & such only be possible due to the cooperation of Chairman, Vice Chairman, secretary, Committee members & members of the society.

SR. NO.	NAME OF TALUKA	No. of ISO:9001:2008 certified societies
1.	Vyara	53
2.	Songadh	52
3.	Mandvi	44
4.	Mahuva	39
5.	Dilvan	27
6.	Valod	19
7.	Mangrol	09
8.	Bardoli	08
9.	Umarpada	04
10.	Kamrej	03
11.	Olpad	02
12.	Choryasi	01
13.	Palsana	01
	TOTAL	262

7.2 (C)CLEAN MILK PRODUCTION:

Milk is one food commodity and there can be adverse effect on its quality if proper care is not taken during production, procurement and transit. Milk is a raw material, and from it milk, and milk products like Ghee, Powder, Butter, Paneer, Curd, Buttermilk, sweets etc are being manufactured. Quality of all products depends on process and raw material. **If raw material has good quality, then finished product will have better quality.**

Strategy like cleanliness of milch animals, healthy animal, cattle care and personal hygiene of milking person, cleanliness of milking place and cattle-shed, cleanliness of milking vessel and utensils of milk collection at the society, and, responsibility lies with producers for speedy and time bound follow-ups of all activities right from the point of milk production by milch-animals. Whereas responsibility of cleanliness of milk collection point, cleanliness of milk utensils, cleanliness of BCU centre and maintain timely and careful transit of milk to the Union/chilling centre lies with directors of the society. The processing of milk at the Union becomes speedy and easy due to good quality milk, thus quality milk and milk products can be supplied to customers.

As milk is the best food for us likewise it is also best food for micro organisms. They multiply very fast in the milk & spoil the milk quality within a short period. Contamination & growth of microorganism in milk can be controlled by getting knowledge by members regarding CMP.

To encourage clean milk production Sumul had started to give 10 paise per litre to the milk having 15 lac or less bacterial load & 5 paise per litre to the milk having 16 — 30 lac bacterial load all depends on the number of bacterial load found in the milk transit from BCU to union from July; 07. To improve more quality of the milk depends on number of bacteria 20 paise per litre or 10 paise per litre being given since October, 2013 to encourage.

Sr. No.	Bacteria lac / ml	Paisa / Litre
1.	0 to 5 lac	20 paisa per litre
2.	5 lac to 15 lac	10 paisa per litre

Sumul Dairy exercises to maintain hygienic atmosphere of society by which high quality milk can be produced.

8...CO-OPERATIVE DEVELOPMENT / ICD PROGRAMME:

At rural level various development programmes are being conducted through camps & seminars at taluka level & constant improvement stage by which our milk cooperative structure been made strengthened & our milk producers, society employees & committee members will know their duties, rights & benefits of cooperative infrastructure at rural level.

By the high-tech presentation through glimpse of animal husbandry detailed report is presented through various programmes of plan at milk society level & for constant improvement reviews were being planned

Details	2014-15	2015-16
No of VMS	154	213
Present Members	8385	11001
VMS review	484	490
Present Members	24299	23404
Diva programme	-	05
Present Members	-	05



8.1 ... FODDER SEED DISTRIBUTION PROGRAMME::

In our profession maximum expenditure is feeding of cattle. So, milk producer can grow nourishing green / dry fodder himself & get high quality fodder to decrease production cost with this intention our union has provided improved fodder seeds with the 25% - 75% assistance at society level.

Details	2014-15 (MT)	2015-16 (MT)
Lucerne Anand — 2	2.010	1.566
Lucerne Bajara	118.065	156.400
Jawar (S. S. G.)	603.965	744.995
Maize (African tall)	53.250	114.890
Nutrifeed	2.448	6996
Total fodder seeds	780.447	1024.847

8.2...PLASTIC SURGERY PROJECT:

In our milk shed area union has shown generosity to multitude of the society in the form of specially poor & having limited income families who can not effort costly plastic surgical treatment of any neonatal defect or any other defect that were being operated for the plastic surgery with the help of "Kakaba Hospital", Hansot & during the year 47 patients get removed their defects.

8.3...Eye Camp:

Since nine years Rotary Eye Institute under the leadership of Surat District Cooperative milk producers union reaching to remote area of surat & tapi district provided the treatment to the patients. Till today total 221 free eye camps being arranged in which 42450 patients were cheeked & operated 5638 & 22759 spectacles are been distributed.

8.4...Training of accountancy to society Seeretary:

It is necessary to have training of the secretary of the society for day to day accountancy of society, a week account training programme is being conducted at Shri Dayalji G. Patel. Cooperative training centre, Kamrej by our union. During the year secretaries of 45 societies are been provided such training.

8.5...TREE PLANTATION PROGRAMME:

With our business care of the atmosphere the best work carried out by our union. To make such difficult work successful on big scale tree plantation project is being implemented with cooperation of milk societies. 15th August is celebrated as " The Tree Plantation Day " & with the help of 857 milk societies & Forest nurseries 643207 tree saplings & our horticulture saplings will also get reared we provided 289751 saplings at just 10.00 Rs & proved good motive with improvement of atmosphere with financial income.

8.6...."MILK HOUSE" AID:

At rural level Milk is the permanent address & the throbbing centre is the " MILK HOUSE " At rural level " Milk House " is essential for the development of all the milk business it necessary to have a ' Milk House " for all milk societies as per their capacity. We have made this project more effective by giving prioring for the loan of 150000 for milk house & 50000 more if BCU is to be installed thus total 200000 Rs being provided wealthy assistance as per norms. During the year Rs. 130.37 Lac to 111 societies as assistance provided for " Milk House " & Rs. 49 Lakh interest free Loan provided for 31 milk societies.

In addition to upgrade women & to promote the milk business under Gujarati Government policy societies powdered by women are decided to be given about 250 sq. meter unused government land at just Rs 1 token rate for 15 years under which application of " Milk House " for 12 societies powdered by women of our milk shed area were being approved in government in which construction of Milk house is being started where Jilla Panchayat & Animal Husbandry were helpful to give assistance & being assisted by Sumul Dairy also.

SR	SOCIETY	TALUKA	SR	SOCIETY	TALUKA
1	Tarbhon	Bardoli	7	Umja	Kukarmunda
2	Palsod	Bardoli	8	Anandpur	Uchchhal
3	Kamroli	Olpad	9	Ringankuchchha	Dolvan
4	Ariyana	Olpad	10	Dadaria	Valod
5	Vasvari	Olpad	11	Pimpripada	Nizar
6	Sarsana	Olpad	12	Gundi	Songadh

8.7..... BIOGAS PROJECT:

By our union women engaged in animal husbudry are being provided facility like city women for cooking biogas of the capacity 2 cubic meter based on dung is to be made provision more important by our union in Gujarat state. In this scheme up to 15000 Rs assistance to be received from government & remaining amount is recoered without any interest. During the year 145 family sizes bio gas unit are being prepared.

8.8.....WOMEN SAVINGS GROUP:

To make women power true successfully, it has been started towards women get extra importance & to convert their quality to their development rural women are supposed to save their income derived from milk & by such they become independent towards which saving group campaigning being started. During the year from 562 villages 14113 women covered in 562 saving group total 22177724 Rs wealthy amount is being credited aas saving in the bank. It is requested that all our milk societies cooperate us to make women saving group successful to year.

**8.9..... Member Bank account campaigning:**

To the member pouring milk through milk societies to whom it is easy to pay amount, to make, transparency & quick transaction money without risk is very essential. So, our union has a success in campaigning to open joint account with the help of Surat District Co operative Bank by the cooperation of all of you. Due to this successful campaigning, we were able to open 70133 joint bank accounts of members which will be the revolutionary financial transaction in coming future. In this project ATM card will be provided free & bank account will be useful also in other government schemes. It is our humble request to milk societies to prefer first to open the bank account of remaining member & to make an arrangement to get payment of milk in their bank.

8.10..... Prime ministar secure insurance project:

In case of accidental death of our member will get 2 Lacs Rs & in case of permanent disablement will get 1 lac Rs under such reimbursement project union has tried to cover our members by paying annual insurance premium through bank account. During the year 21513 members were being covered under this insurance cover. In this project bank account is compulsory it is requested to open bank account.

9.0..... Animal Health & Breeding: Activities:

By using advanced scientific technology in animal husbandry various schemes being executed.

Details	2014-2015	2015-2016
No of Veterinary mobile clinic route	12	14
No of micro veterinary route	11	12
Total no of cases treated	569561	544901
No of special visit	119724	126639
No of First Aid Centres	345	398
No of First Aid cases	94268	116771
No of Veterinary Camp	1158	930
No of cases treated in camps	184648	141388
No of AI Centres	345	398
No of AI	443740	464305
No of Pregnancy Diagnosis	348526	361162
No of FMD Vaccination	918763	946862
No of Theilaria Vaccination	29609	26740
No of HSBQ Vaccination	561273	587431
No of Rabies Vaccination	9180	9370
No of Brucella vaccination	12024	43590

9.1..... "SUMUL SUMADHUR LABORATORY" activities

A...."Sumul Sumadhur Laboratory"

NO.	Details	2014-2015	2015-2016
1	No Animal Disease Diagnosis analysis	950	600
2	No of Milk samples for Mastitis control	25230	26450
3	No of faecal examination	223	456
4	Other samples	950	826
5	Brucellosis Vaccination villages covered	301	418
6	Genetic analysis of Bulls	290	326

B..... Temperature control :

NO.	Details	2014-2015	2015-2016
1	Animal cooling system installed	58	75

C..... Cattle shed with Automatic Water control management

NO.	Details	2014-2015	2015-2016
1	Water management bowl in cattle Shed	More than 5800	More than 5851

9.2..... "DIPA" PROGRAMME (PROGENY TESTING PROGRAMME):

Details	2014-2015	2015-2016
No of active Centres	43	43
No of village covered	104	108
No of AI in PTP	41882	42836
No of female calf born	3852	4420
No of Buffalo calf born	2081	2298
DIPA Dan distribution (Kilogram)	162250	286300
Male calf selected at NDDDB (No)	48	56



9.3..... SUMUL ANIMAL GENETICS AT NATIONAL LEVEL:

"Elite herds" are being formed in Mahuva, Vyara, Songadh, Olpad & Mandvi talukas in which high profile animals are being reared & inseminated with Nominated mating or inseminated by proven bull semen dose under the "DIPA SCHEME" (A progeny testing programme of NDDB) of Sumul Dairy. Due to this high yielding animals are being produced & out of these 237 male calves had been selected at the national level FSD breeding centre. In future, semen doses from these selected animals will be prepared at the International level breeding centre "Sabarmati Ashram Gaushala, Bidaj (Governed by NDDB) is fixed to prepare FSD from such animals by which cows from the nation will get pregnant by using such FSD & This is the great achievement of our union.

9.4.... FODDER DEVELOPMENT PROGRAMME :

Our milk producer produce high quality nutritious green fodder maximum & preserve the excessive green fodder in the form of silage to feed his animal with green fodder year at his door step such fodder development programme (FDP / NDP - 1) were been implemented & by balanced ration there is improvement in animal health & maximum milk production per animal to make this business profitable such (RBP / NDP - 1) programme been implemented since 2013-2014. During the year 2015-2016 various fodder & feed development programme being implemented under central prized National Livestock Machine (NLM).

DETAILS OF SUBSIDY UNDER FDP / NDP - 1 PROGRAMME				
PROJECT	2014-15 SUBSIDY AMOUNT (RS)	2015-16 SUBSIDY AMOUNT (RS)	TOTAL SUBSIDY AMOUNT (RS)	TOTAL SUBSIDY AMOUNT (RS)
RBP	1,47,22,439	53,27,865	2,00,50,304	40,912 ANIMAL
FDP	63,53,790	13,85,152	77,38,942	64,027 BENEFICIARIES
FODDER & FEED DEVELOPMENT PROGRAMMER	-	2,51,86,314	2,51,86,314	935 MILK SOCIETIES
TOTAL	2,10,76,229	3,18,99,331	5,29,75,560	-

9.5.... SUMUL FERTILITY IMPROVEMENT PROGRAMME (FIP PROGRAMME):

After the successive implementation of NECO project of Sumul Dairy, a similar programme FIP (Fertility Improvement Programme) being implemented by GCMMF, Anand since 2007-2008. Every year different milk societies are selected & after the registration of unproductive cow/ buffalo heifer & dry animals, they are being treated by the experts in 4 infertility camps at 45 days interval & With a vision to make productive such unproductive animals, this successful programme is being implemented. Registered animals under this programme will be given 2 packets of Sumul Kruminashak Dan, 5 kg Sumineral forte plus powder, 3 bags of Sumul elite Dan to avoid malnutrition & worms load. Success of the programme is mentioned below.

FIP year	Conception Rate	No of Registered animals
First	82.2	13099
Second	80.2	14750
Third	80	14796
Fourth	80	12675
Fifth	79	10068
Sixth	78	7546

FIP — 8

At present **262** societies of our union are being covered under FIP-8 (Fertility Improvement Programme) in which **22103** animals are being registered. 3 infertility camps completed in each society & fourth camp is in progress at present. Total **3308** animals found pregnant out of the total registered animals. It is a plan to cover more 300 societies under this programme.

9.6.....SUMUL DAN DISTRIBUTION:

We have made efforts to make cattle feed more balanced, nutritional and therapeutic, and we have been able to activate a **"Feed Block Production Plant"** a first of its kind in Gujarat and fourth in India; thereby manufacturing "GOLD" and "POSHAK"; such two types of feed blocks - focusing the necessity of what type and how much an animal need in a day at the crux. Feed-block is an ideal substitute of green and dry fodder; which is a total mixed cattle feed. Moreover, we are also producing de-worming medicine blended cattle feed looking to the seasonal need. We are also fortifying the cattle feed with Vitamin E and live yeast culture four times in a year which develop positive influence on productivity and wellness of animals

Details	2014-2015	2015-2016
Production Capacity per day	300 MT / day	300 MT / day
Average production per day	455 MT per day	419 MT per day
Total sale of Dan	136341 MT	134610.5 MT
Sumul Feed Block (Gold)	11973 Nos	22278 Nos
Sumul Feed Blocks (Poshak)	120 Nos	-
Sumul Fodder Blocks	26168 Nos	13750 Nos
Sumul Calcium Pellets (1 kilo pack)	15000 Packets	13750 Packets
Sumul Milk Shakti (SMS) 1 kilo pack	116886 Packets	100544 Packets
Sumineral Forte plus powder 1 Kilo pack	155526 packets	151891 Packets



9.7.... CHELATED MINERALS & OTHER ACTIVITIES:

Mineral Mixture is a mixture of various major mineral & trace elements viz. calcium, phosphorous, iron, zinc, magnesium etc. Remarkable difference in mineral contents of soil in hilly terrain, tribal belt and coastal area is noted. Mineral content in soil has its effect on fodder and lastly on health of milch animals and milk production. In order to maintain animal in good health, we have supplemented mineral deficiencies by adding mineral mixture in cattle feed. Keeping mineral deficiency issues in mind, mineral mixture powder plant at Chalthan have been made operational. We have supplied **151891 Kg chelated mineral mixture** to milk co-operatives. Generally, during monsoon season, more number of milch animals gets infested with worm infestation. Keeping this issue in mind, we have manufactured balanced cattle feed fortified with adequate dose of Anthelmintic (De wormer) drugs and supplied it to DCS during October -14 when worm infestation in maximum.

Digestibility of dry fodder like paddy straws can be enhanced by Urea Treatment.

Details	2014-2015	2015-2016
Suda Distribution (No)	12	17
Electric Chaff cutters (No)	472	811
Electric Chaff cutters (No) Govt. Scheme	-	259

9.8.....SUMUL GROUP INSURANCE & PUBLIC PERSONAL ACCIDENT POLICY:

Earning of the member gets vanished when priceless animal-herd dies either due to disease or by any other mean. In order to see continuation of the income, Union is supporting insurance scheme of animals. Under this scheme, **14812** animals were covered under **1235** policies. Necessary premium was paid to Insurance firm; and getting upon approval of **1235** insurance claims, amount of Rs. **4,13,25,100.00** have been paid to members.

Under "**Janta Accident Policy**" **1709** members are being covered under insurance. During the year a claim for society member died in accident 100000 rupees compensation paid to his family.

9.9.... CALF REARING AT SUMUL ANIMAL BREEDING CENTRE AT VANSKUI:

Population of adult animals in our district accounted through A.I. ranges 30 to 35%, and, through natural service ranges 70-75% by cow bulls/buffalo bulls having very poor hereditary characteristics, which can possess genetic diseases too. Progeny born though such natural services are very pathetic whose milk yielding capacity is very low. Such animals are not affordable in the time to come. With the objective to develop cow bulls and buffalo bulls possessing finest characteristics for such natural service, a Breeding Center has been established at Vanskui of Mahuva taluka.

For such natural service, to provide high profile bull / buffalo bull with the best milk character point of view a rear centre being established at Vanskui of Mahuva taluka for the rearing of bull / buffalo bull for natural service.

Under DIPA (Progeny Testing) programme, cow- heifers/buffalo-heifers possessing finest hereditary characteristics are tested for contagious diseases and genetic diseases. And those which have clean record, will be brought to the center and nurtured with scientific techniques; and then will be allotted to areas where A.I. is least acknowledged.

In future, finest bulls will be produced through bulls provided from our Vanskui center which will have unparalleled characteristics as that of A.I. This year, we have provided **260** cow bulls/buffalo bulls in different areas. At present **22** HF males & **8** Gir males are being reared.

With an intension that heifers with high pedigree & Sumul genetics characters produced by PT Project, Sumul AI, Nominated mating & heifers produced through the Cow/Buffero bulls should not be sold out from our district & such pedigree could be saved for our milk producers we have started Cow/buffalo heifer rearing centre at "SV ABC " at Vanskui Taluka Mahuva in which such heifers are purchased from milk producer who wants to sell or milk producer who is unable to rear are reared at the centre & given to our milk producer only. Till the time **1998** & during the year **265** such pregnant heifers are being distributed in the district.

As per the Indian ancient culture & Vedas who is called mother & whose milk is being called Amrit that the Gir Heifer & Gir cows, which is high profile, whose milk is good for the health & contains A2 type milk protein which are useful in the fatal diseases like Cancer, Diabetes, Asthama, Blood pressure, TB & Various skin diseases are being reared over here & distributed as per need to the members of the villages of Sumul Milk shed area.

At Green Energy centre a Bio gas plant of 60 Cubic metre is being run by the dung of cattle by which gas is produced & with the help of such gas a three phase electricity power is being produced by using bio gas supporting generator. This power is converted in single phase with the help of inverter by which we operate a hydroponics machine & this system produces about 400 kilo high quality industrial green grass. From bio gas slurry wormi compost fertilizer is being produced. During the year total **1893** bags such fertilizer & **245** kilo of earth worms & **6626** litres urine of gir cow are sold out. From this centre **780** members get trained a day training under Atma project & more than **7000** members from various milk societies for touring were being taken to our farm visit

9.10.... INTEGRATED DAIRY DEVELOPMENT PROGRAMME (IDDP):

For the BPL & tribal beneficiaries, the purchase of milch animals & the provision of infrastructure Tribal development department of government has granted RS 60.32 Crore for this programme in which 34.24 crore rupees will be subsidized.



Till today 8432 loan forms of beneficiaries have been approved out of which 11995 milch animals were gathered by arranging Cattle fair at nearby area & 1152 milch animals have been distributed with the assistance of RS 275640929.00 & tribal beneficiaries are made engaged in this profession with the assistance of 3 years Animal insurance, Training to beneficiary, 1 bag cattle feed also & Rs 32400.00 assisted per unit.

DETAILS OF INTEGRATED DAIRY DEVELOPMENT PROGRAMME (IDDP)					
NO	YEAR	NO OF PURCHASE OF ANIMAL	SUBSIDY AMOUNT	LOAN AMOUNT	TOTAL AMOUNT
1	2010-11	743	9,84,0279.00	2,61,92,000.00	3,60,32,279.00
2	2011-12	2729	3,61,29,020.00	3,78,00,000.00	7,39,29,020.00
3	2012-13	1654	3,02,18,580.00	3,38,38,000.00	6,40,56,580.00
4	2013-14	1635	2,98,71,450.00	3,23,76,950.00	6,22,48,400.00
5	2014-15	4082	13,22,56,800.00	7,97,84,400.00	21,20,41,200.00
6	2015-16	1152	3,73,24,800.00	2,28,78,300.00	6,02,03,100.00
	TOTAL	11,995	27,56,40,929.00	23,28,69,650.00	50,85,10,579.00

9.11....ARTIFICIAL INSEMINATION TRAINING CENTRE:

As we all know that importance of A. I. training in animal husbandry remain precede & by keeping it in mind Animal Husbandry state government & GCMMF jointly planned training programme in various training centre in allover Gujarat state to make A. I. training intensive under RKVY & totally expenses paid to organization by the grant of RKVY. So, Union & trainee do not have to pay any expenses. By considering our well disciplined training maximum trainee get trained from our union such arrangement is being made.

In addition such training is divided in to two parts in which class room training for 42 days & field training of 42 days where both trainee & trainer get field allowance such type of arrangement also being made. Thus after getting such joint training trainee can perform his duty very well & perform his field duty to satisfy the farmer.

During the year 2015-16 under said project 133 trainees being trained centre in which 39500.00 per trainee we received 5240200.00 in the form of grant & these trainees were being giveb practical training in the field in which total expense 6000 Rs per trainee 798000.00 Rs received in the form of grant. AI technician who are in the field at the present for whom organization made a refresher trainee programme to update the change in such technology & new investigation to aware them for which 414000.00 Rs received as a grant.

During the year 2015-2016 we will arrange such refreshing training programme for our AI workers under RKVY scheme. So, in forth coming years it can be increased the quality of AI work step by step & encourage the animal husbandry business by increasing conception rate. We will get totally expenditure of refresher training as a grant.

Other than the AI training, a training regarding scientific animal husbandry is being specially arranged with ATMA agency & 445 farmers were been trained. In coming years educated unemployed society members may be given unit loan & they will be given basic professional training regarding animal husbandry which will make him a successful farmer.

A one day training programme being arranged at Vanskui of Mahuva taluka by Agriculture Management Agency. Navsari to make animal husbandry practice intensive & profitable in which 445 famers in 13 batch were trained having 64 males & 381 females during the year 2015-16.



Training given by AITC as mentioned below during 2015-2016.

No.	Training	Training Days	2014-2015		2015-2016	
			Sumul	Other	Sumul	Other
1	AI & first Aid training	42	58	86	37	53
2	Scientific Animal husbandry training (under Atma- agriculture technology & management agency)	3		69	-	57
3	Scientific Animal husbandry training (under Atma- agriculture technology & management agency)	01	-	-	-	147
	Total		58	336	37	270

NO	PERIOD	SUMUL	VASUNDHARA	DUDHDHARA	SABAR	RAJKOT	BARODA	TOTAL
1	30-3-15 TO 10-05-15	12	0	10	0	4	0	26
2	11-05-15 TO 21-6-15	4	7	6	5	0	0	22
3	10-9-15 TO 21-10-15	15	0	4	0	0	0	19
4	03-12-15 TO 13-01-16	06	8	0	0	5	4	23
	TOTAL	37	15	20	5	9	4	90

SCIENTIFIC ANIMAL HUSBANDRY TRAINING UNDER ATMA PROJECT						
NO	DATE	TALUKA	DISTRICT	LADIES	GENTS	TOTAL
1	08-02-16 to 10-02-16	CHIKHALI	NAVSARI	0	26	26
2	11-02-16 to 13-02-16	JALALPORE	NAVSARI	31	0	31
	TOTAL			31	26	57

9.12..... SUBSIDY BENEFIT TO THE MEMBERS UNDER DAIRY ENTERPRINYERSHIP DEVELOPMENT PROGRAMME OF NABARD:

"Dairy Enterprinyership Development Project is being implemented under the National Bank of Agriculture and Rural Development (NABARD). Main aim of the project is to encourage the milk producer for adventure & to make our business to economic form.

During the year, loans were being provided at low interest rate to purchase the animal to make our business vigorous. In addition, union has tried to get subsidy as per norms on the loan given by NABARD to the members (25% for general category & 33.33% for SC / ST category) those who have purchased minimum two & maximum ten animals.

With respect to above scheme, Surat Jilla Dudh Utpadak Sangh; Ltd urged to get the benefit to purchase the animal by taking loan from Surat District Co op bank under dairy enterprinyership develop scheme (DEDS). Following is the detailed list of application for the scheme & receipt of the benefits.

During 2014-2015 Applications made under NABARD NDEDS

Date of Application	No of Members	No of animal units of	Amount of claimed capital subsidy RS	Date of credit of Claim in Surat District Coop bank	No of Approved members	Amount of Approved subsidy
Sept., 2014	50	245	4232345	31/03/2015	50	4240100
Oct., 2014	18	130	2426390	14/03/2015	17	2053200
Nov., 2014	35	210	3546350	-	0	0
Des., 2014	21	120	2146410	-	0	0
Total	124	705	12351495		67	6293300

During 2015-2016 Applications made under NABARD NDEDS

Sr	Date of Application	No of members	No of animal units	Amount of claimed capital subsidy RS	Date of credit of deposited in Surat District Coop bank	Approved No of members	Approved Amount of capital subsidy Rs
1	Jun, 15	14	131	2113900.00	-	-	-
2	Sep, 15	217	563	10172430.00	-	-	-
3	Oct, 15	265	917	17614160.00	-	-	-
4	Nov, 15	105	409	7284550.00	-	-	-
5	Jan, 16	151	749	14528820.00	-	-	-
	Total	752	2765	5171360.00			



10.... INFORMATION TECHNOLOGY:

Sumul Dairy has arranged the facilitating system by the effective implementation of "Information technology" to attract the new customer or to make our current customer to get more benefit by progressive sale, new & beneficial market & competitive benefit regarding our business.

A software developed by our union "enterprise wide Digitization" which is made with Oracle 10 G & Oracle developer 10 G in which need of different departments like Milk procurement, Sale arrangement, Strengthened distribution work, Cattle feed management, Material Management, Maintenance management, Human resource, Financial accounting, & plant maintenance are being covered completely with safety & work about **2700** data entry forms, about **600** query forms, & about **4000** various forms are being developed to make the system successfully activated by which about **750000** data are being developed by collecting it record graph of data daily at main database of different places of our union by our computer system.

Problems of hard ware, software or any technical problem received from other departments of Sumul were solved by the Information Technology department of sumul dairy as per following table.

	Hardware or other technical problems		Software problems	
	Total	Percentage	Total	Percentage
Solved within a day	1292	64.15	330	53.75
Solved on next day	505	25.07	100	16.29
Solved more than two days	217	10.78	184	29.96
Total	2014	100.00	614	100.00
Modification in running report			247	40.20
New report			132	21.50
New entry form			37	603.
Modification in running form			131	21.33
Database			43	7.00
Others			1724	3.94

By following present situation the said "information technology" was developed & established in various way. To year

This year we have established a well advanced data center by which we can adopt the increase in technology in coming years & This new data center has an advanced facilities that we could do our routine constantly & confidently.



Sumul Dairy has arranged such facility in time through its Information Technology Department & established such systems by which its routine works like Milk procurement, Milk Distribution, Regular & in time payment to farmers, sell proceed from milk sale, system of recovery of sale of various products Slalary payment of employees, payment of parties aligned with Sumul Dairy being made accurately without any delay. Thus Union has developed information technology as a vision at every step & every time very fast accurately to get matched with the present situation.

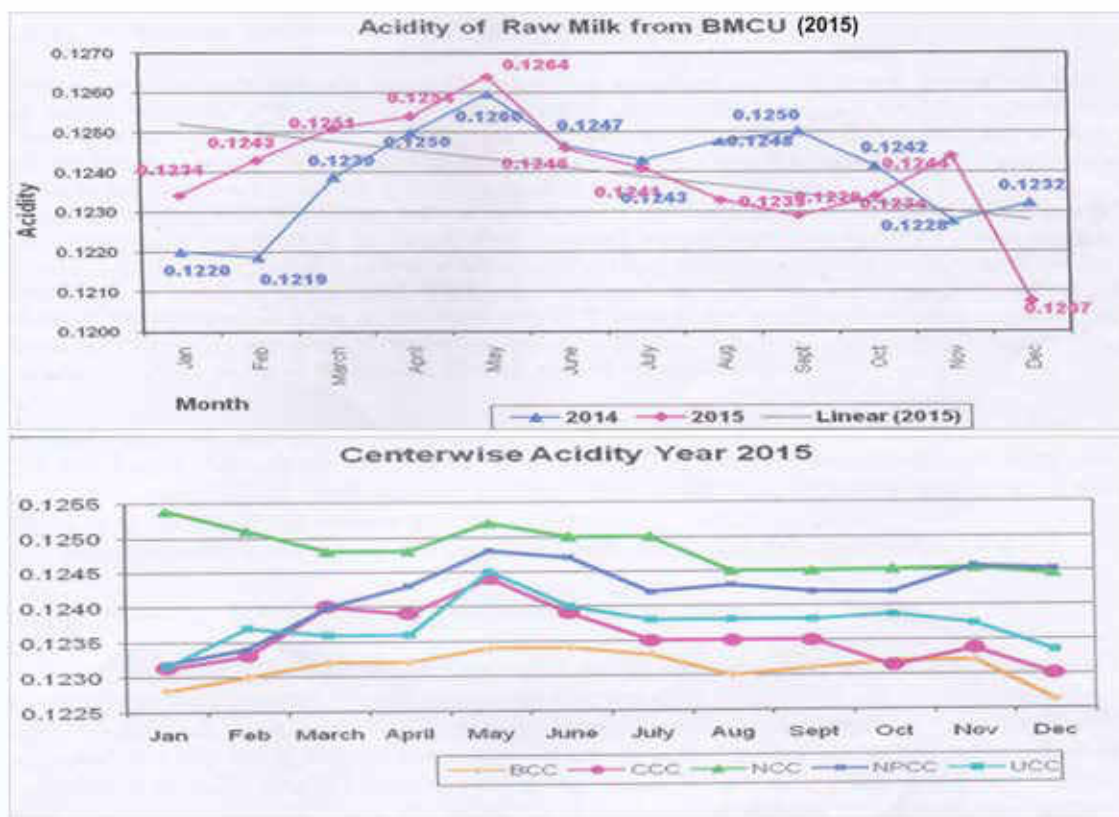
11.... TOTAL QUALITY MANAGEMENT:

To make chemical analysis of milk to make Sumul & chilling centres laboratorise well equipped with well advanced equipments total 6 milk scan (FT 120) & 6 indifos machine, one advance milko scan (FT 1) which is able to give information regardinig adulteration in milk & two milko scan minor machine are being activated at the laboratories of the union. To estimate the bacterial count in the milk a well advanced high tech Bacto scan machine is being activated at the main laboratory of the union.

At the main laboratory & all chilling centre laboratories & at Lahe plant B. R. digital machine being given which are useful to check the quality of the fat of the milk.

By these all advanced machine we can check our all tests perfectly & who adulterates milk just for little benefit can also be detecede successfully, As per Government of India new food safety norma & under that if some chemical or biological defect detected in the samples taken by them will lead to Ignominy Or disgrace to the union reputation. To avoid such we all at every level, field & by team work for food safety & quality by constaant efforts.

By following ISI system we could make noticeable improvment in the milk quality. During the year an improvement can be seen in the acidity of the milk from rural area.



11.A... TOTAL QUALITY MANAGEMENT:

To get step matched with the international level rules of Food safety, our union had grabbed the certificate of ISO 9002:1994 & codex HACCP- 9000 from the year of 2000. In the year 2003 it had been upgraded ISO standard to 9001: 2000 & we made our quality management system advanced as per that standard.

For quality it is necessary to be alert for cattle care, BCU, chilling centre, Milk transportation & the centre unit of the dairy during all these activities precaution & care to be taken & to see that customer should get clean & good quality milk also it is necessary. Our all chilling centre also being recertified with international standard level Quality Management System 9001:2008 certification in October, 2013.

We could improve persistent step by step improvement in the quality of the milk. At rural level 6 societies had received ISO 9001:2000 in 2005 & that had also been revaluated in 2008 & renewed up to 2011. In, 2010 April more 26 societies have received ISO: 9001:2008 certificate. IN April, 2010 implementation ISO in another 49 milk societies were made & surveyed by the "Sai - Global, Australia" & all these 49 societies are nominated to issue ISO: 9001:2008 certificate. In 2013 - 14 it is planned to cover 50 societies more under ISO 9001 - 2008 quality management system. Total 181 societies are being certified with ISO 9001:2008.

In Sumul Dan Factory, Chalthan implementation since August, 2001 as per ISO: 9001:2001 is now evaluated as per ISO: 9001:2008 in March, 2013 & is made modernized.

11.B... Food Safety Management System: (ISO 22000:2005):

In the year 2000 after getting codex (HACCP 9000) certificate we become ready that it is a formation to keep intact the International food safety norms.

In 2006 ISO 22000 similar to food safety law being implemented such certificate was received in

November, 2008 & in March, 2014 all four chilling centres being certified with ISO 22000:2005 food safety management. As per Food & safety law & standard 2006 our responsibility will be up to " Grass to Glass". To assure that milk doesn't contain any elements harmful to health Sumul dairy, Surat & Laheplant, Nasik both to gather being certified with ISO: 22000:2005 in the year 2008 which is NVGL certification body powered by Netherland.

11.C... Atmosphere Management system: (ISO 14001:2004)

Our organization is alert for the atmosphere also & we are supposed to protect the atmosphere & to stop the pollution. Since 2002, our organization certified with atmosphere management system means ISO 14001:2004 in May, 2006 which was renewed up to 2014. At present, it has been advanced by evaluated that again as per ISO 14001:2004 in March, 2014 which is made valid up to May, 2017.

Thus, we have achieved recordable targets regarding atmosphere in every field. Natural sources like Electricity & water were being used in limit. We have grabbed National energy conservation award 6 times for saving electricity & energy. In tree plantation aspect, 4 big tree plantations, 200 small tree plantations & 150 sq. ft. land with lawn have been done in our union & aliened with this 932958 tree plantations have been made at rural society level in Surat & Tapi district with their support our union being the eco friendly contribution to the project will definitely promote the climatic wealth.

11.D... Management system (ISO) training:

During the year external training of food safety & quality management system being given in which 80 employees from plant, engineering, laboratory, Marketing, Purchase & HRD & ER being trained for ISO 22000:2005 by DNVGL & 80 employees are being trained for new rules & regulations of ISO 9000:2015 by DNVGL. 41 officers from Sumul Dairy are being appointed as ISO internal auditors who audit every 6 months. After the implementation of ISO 22000:2005 & ISO 9001:2008 complaints from customers are found recordable decreased.

12.....NEW PROJECTS & EXPANSION ACTIVITIES:

To make milk processing more speedy & new products to be introduced in the market & to increase the capacity of the plant, machineries with well advanced technology being purchased & step by step extension of the plant is being done. Details are in short as follows.

- At Sumul dairy, Surat tanker unloading & cleaning station of 4 line complete automatic tanker unloading & cleaning being established & activated.
- At Sumul Dairy, Surat, tanks to make butter milk & automatic CIP system shifted to 1st floor on new slab & activated.
- At, Sumul Dairy, Surat, as there is increase in selling of Butter milk new tanks being purchased & installed & for butter milk packing 4 packing machines been ordered to cope up the market need of butter milk in time.
- At, Sumul dairy, Surat process department is being shifted to the first floor of tanker unloading building to make complete automation it is ordered & work is in progress. For this necessary machineries like pasteurizer, homogenizer, separator, PPRS, 150 KL milk silo, 30 KLPH softening plant being ordered to make it activate work is in progress. Milk process would be made completed qualitative & human error after the automation with the automatic valve.



- At Sumul Dairy, Surat crate washers shifted to first floor. Crates returned back from market are being washed & it is made an arrangement to take washed crates to the machine. By making activated crate washed automation water & steam can be saved by controlling the temperature & crates cleaning is being made better.
- At Sumul Dairy, Surat as per rules & regulation of "Food safety standards act of India" milk has to be dispatched glycol system is being installed & activated.
- At Sumul Dairy, Surat new boiler of 10 ton capacity & Paneer vacume packing machine are being ordered.
- At Sumul Dairy, Surat various energy saving works like LED lights, side entry agitators, Temperature controller, condensed recovery, Insulation, power factor monitoring etc are being installed & activated.
- At Sumul dairy, Surat for tanker unloading station / process department work of new building, boiler house, RCC road are about to complete.
- At Sumul dairy, Surat it becomes a necessary to make ETP 6 Lac Ltrs per day to 12 Lac Ltr per day due to increase in quantity in milk & milk production & increase in its varieties. For this it is work out which is likely to be completed with in 12 months.
- At Uchchhal chilling centre of Sumul Dairy, Surat in Ice bank (IBT) new ammonia coil & cooling tower being installed & activated. At other centres energy efficient pumps being installed & activated.
- At Lahe plant of Sumul dairy, surat to increase the capacity of milk packing pasteurizer & homogenizer are being installed & activated. Refrigeration system & hot water generator are being installed & activated. As per instruction given by federation butter milk packing machine & tank are being installed & started supply in the market. As per demand of federation curd packing machinery, tanks, incubation room, cold room etc work of such being installation & to be activated is about to complete. At Lahe plant as per Maharashtra pollution control board rule work extension ETP is being started.
- At Bajipura chilling centre of Sumul dairy, surat construction of automatic cattle feed factory is being initiated which is likely to be activated in 12 months. The capacity of such factory is being made doubled by which present & future need of members can be fulfilled by providing them cattle feed with high quality.
- At Navipardi chilling centre of Sumul dairy, surat construction of 10000 ltrs to 20000 ltrs per day capacity ice cream plant with complete building & machineries being ordered through e tender procedure. In this plant it is included cold storage of 120 ton capacity of butter storage also. This work is likely to be completed in 18 months.
- At Bajipura chilling centre of Sumul dairy, Surat civil work & machineries being ordered by e tender procedure to make skimmed milk powder after the processing of 300000 ltrs milk. In this milk civil building / processing machineries, utility machineries & the powder plant & 3000 ton capacity godown are included. Construction work of godown can be used after the completion this year. Raw milk of Bajipura area will be processed there only instead of Surat expenditure in transport will be decreased &

improvement in the quality will be there. This plant is likely to be completed in 15 months.

13....EXPRESS GRATEFULNESS:

We have been receiving guidance from the Chairman & Managing Director, Gujarat Co-operative Milk Marketing Federation Ltd. as and when required for which we are indebted and grateful to him. We have been receiving Technical & Financial Assistance from National Dairy Development Board. We are thankful to its Chairperson and Managing Director for guidance and support

We are thankful to Chairman, Managing Director and General Manager of every member unions for their guidance, support and cooperation

State Government and its various departments, especially Animal Husbandry, Co-operation, District Registrar, Surat, Tribal Sub-Plan, Mandvi, Songadh, Jilla Panchayat, Taluka Panchayat has extended their co-operation for which we are thankful to them.

We have also kept the notice the co operation extended from the officers of the Surat District Co operative Bank, & other co operative banks, nationalized Banks, Surat Municipal Corporation, Torrent Power Ltd; Gujarat Gas Co; & Mahidharpura Police station.

We remember our valued customers' co-operation, Milk Distribution Agents, Transport Contractors. Business community at large.

We are thankful to Management of Milk Co-operative Societies, their staff and members for their cooperation in management and implementation of various extension programs.

There has been significant contribution of friends of committee of the union, fellow workers, Managing Director Shri Jayeshbhai Desai, officers and staff members in satisfactory management and progress of the organization. With pride, we take note of their contribution and heartily thank them for their contribution,

**Sumul Dairy,
Surat**
Dt.09.06.2015

By order of Board of Directors
Rajeshkumar Kantilal Pathak
Chairman



" Indigenous cattle breeding development centre (Sindhvai) dedication function " dated 19/09/2015 at Sathvav taluka - Mandvi, Jilla - Surat.

Leading by Hon. Chief Minister Anandiben Patel

Shri Ganpatsinh Vasava (President), Shri Saurabhbhai Patel (Minister), Shri Babubhai Bokjaria (Minister), Shri Kantibhai Gamit (Minister), Shri Prabhubhai Vasava (MP),
Shri Rajeshkumar Kantilal Pathak (Chairman), Shri Riteshbhai Amarsinh Vasava (Vice Chairman)

Shri Nareshbhai Bhikhabhai Patel
Shri Manishbhai Kalyanjibhai Patel
Shri Pravinbhai Namalabhai Gamit
Shri Jayeshbhai Natvarbhai Patel
Shri Dilipbhai Bhakta

Shri Arvinbhai Singabhai Gamit
Shri Bharatsinh Gumansinh Solanki
Shri Ajitbhai Jagubhai Patel
Shri Bharatbhai Sudambhai Patel

Shri Sunilbhai Ratanjibhai Gamit
Shri Balawantbhai Morarbhai Patel
Shri Anantbhai Jagubhai Patel
Shri Reshabhai Vasabhai Chaudhari

Shri Jitendrabhai Shivprasad Upadhyay
Shri Sanjaybhai Babubhai Suryavanshi
Shri Bharatsinh Parmar (Ex. MP)
Shri Ashwinbhai Patel (Ex. Jilla Pramukh)

Shri Bhikhabhai Patel
Shri Sureshbhai Patel
Shri Iswarbhai Patel
Shri Mukeshbhai Patel

Shri Mohanbhai Dhohia
Shri Anandbhai Chaudhari
Shri Prafulbhai Pansaria
Shri Sandeepbhai Desai

Shri Maheshbhai Vasava
Shri Dilipbhai Rathod
Shri Ramanbhai Patel (Jani)
Shri Kunvarjibhai Halpati



Sumul events in photograph

FORTINGHT CELEBRATION OF
WOMEN STRENGTHENING
AT SUMUL DAIRY, SURAT
DATE - 6/8/2015



" NATIONAL MILK DAY "
AT MOSALI
DATE - 6/11/2015

INAUGURATION OF
"MILK HOUSE" AT SARBHAN
SOCIETY
TALUKA BARDOLI
DATE - 15/8/2015





INAUGURATION OF FERTILITY
IMPROVEMENT PROGRAMME
AT VANKAL BY FIP MILK
SOCIETIES
DATE - 6/9/2015

VETERINARY CAMP &
EXHIBITION AT TALUKA LEVEL
ORGANIZED AT GANAGADHARA
ANIMAL HUSBANDRY
DEPARTMENT OF GUJARAT
GOVERNMENT, JILLA
PANCHAYAT, SURAT DISTRICT
& SUMUL DAIRY, SURAT.
DATE - 22/9/2015



" BHUMIPUJANA" OF POWDER
PLANT, BAJIPURA.
DATE - 07/12/15



BHUMIPUJANA OF ICECREAM
PLANT, NAVAPARDI.
DATE - 07/12/15



INAUGURATION OF MILK
HUSE & GODOWN OF
BHADBHUNJA DHUH UTPADAK
COPERATVE SO03/10/2016

INAUGURATION OF
DATA CENTRE,
SUMUL DAIRY, SURAT.
DATE - 27/08/2015





CELEBRATION OF NATIONAL
MILK DAY.

CELEBRATION OF NATIONAL
MILK DAY.



TREE PLANTATION
CAMPAIGNING
DATE - 15/08/2016



**DIVA PROGRAMME
BARDIPADA TALUKA DOLVAN
DATE - 17-18-19/12/2015**



**DIVA PROGRAMME
NANDOLA TALUKA MANGROL.
DATE - 16-17-18/02/2016**

**MILK HOUSE INAUGURATION
NISHANA TALUKA - SONGADH.**



Sumul events in photograph



FAMILY SIZE
BIOGAS PROGRAMME

CHEQUE DISTRIBUTION



WOMEN STRENGTHENING
PROGRAMME



MILK HOUSE BHUMI
PUJANA SARSANA
TALUKA - OLPAD.



MILK HOUSE BHUMI
PUJANA PALSOD
TALUKA - BARDOLI.

BCU INAUGURATION
FUNCTION BHATKHAI
TALUKA - MANDVI
DATE - 16/03/2016.





FREE EYE CAMP
DATE - 4/11/2015
PLACE - NIZAR CHILLING
CENTRE.



FREE EYE CAMP
DATE - 4/11/2015
PLACE - NIZAR CHILLING
CENTRE.



IDEAL MILK HOUSE SHRI
KHARVASA MOVACHHI
GROUP MILK & VEGETABLES
SELLING COOPERATIVE
SOCIETY LTD.
KHARVASA.



Sumul events in photograph

MILK HOUSE INAUGURATION
NISHANA TALUKA - SONGADH



DISTRIBUTION OF BANK
ACCOUNT & PM INSURANCE
PROJECT

BactoScan FC
બેક્ટોસ્કેન એફસી

વિશેષતા:
૪૮ કલાકમાં માત્ર બેક્ટેરીયાની રીડ ૧૦ મીનીટમાં આપે છે.
૧૦ કલાકમાં ૫૦ થી ૧૦૦ સેમ્પલ ચેક કરે છે.
૨ થી ૪૦ ડીગ્રી સે, તાપમાન ચેક કરે છે.
૪.૫ મીલી સેમ્પલ વપરાય છે.





A NEW BUILDING JOINING
TWO OLD BUILDINGS & TWO
150 KL MILK STORAGE SILOS

AUTOMATIC FOUR TANKER
UNLOADING & CLEANING
STATION



TO MAINTAIN TEMPERATURE
OF DISPATCH MILK AS PER
FOOD SAFETY RULES GLYCOL
SYSTEM REFRIGERTION
PLANT.



SHRI RAJESHKUMAR K. PATHAK THE CHAIRMAN OF SUMUL DAIRY GIVING PROPOSAL OF GIR COW ANIMAL BREEDING PROJECT UNDER " NATIONAL GOKULAM MISSION " TO THE HONOURABLE MINISTER OF GOVERNMENT OF INDIA SHRI MOHANBHAI KUNDARIA & MP OF BARDOLI SHRI PRABHUBHAI VASAVA.



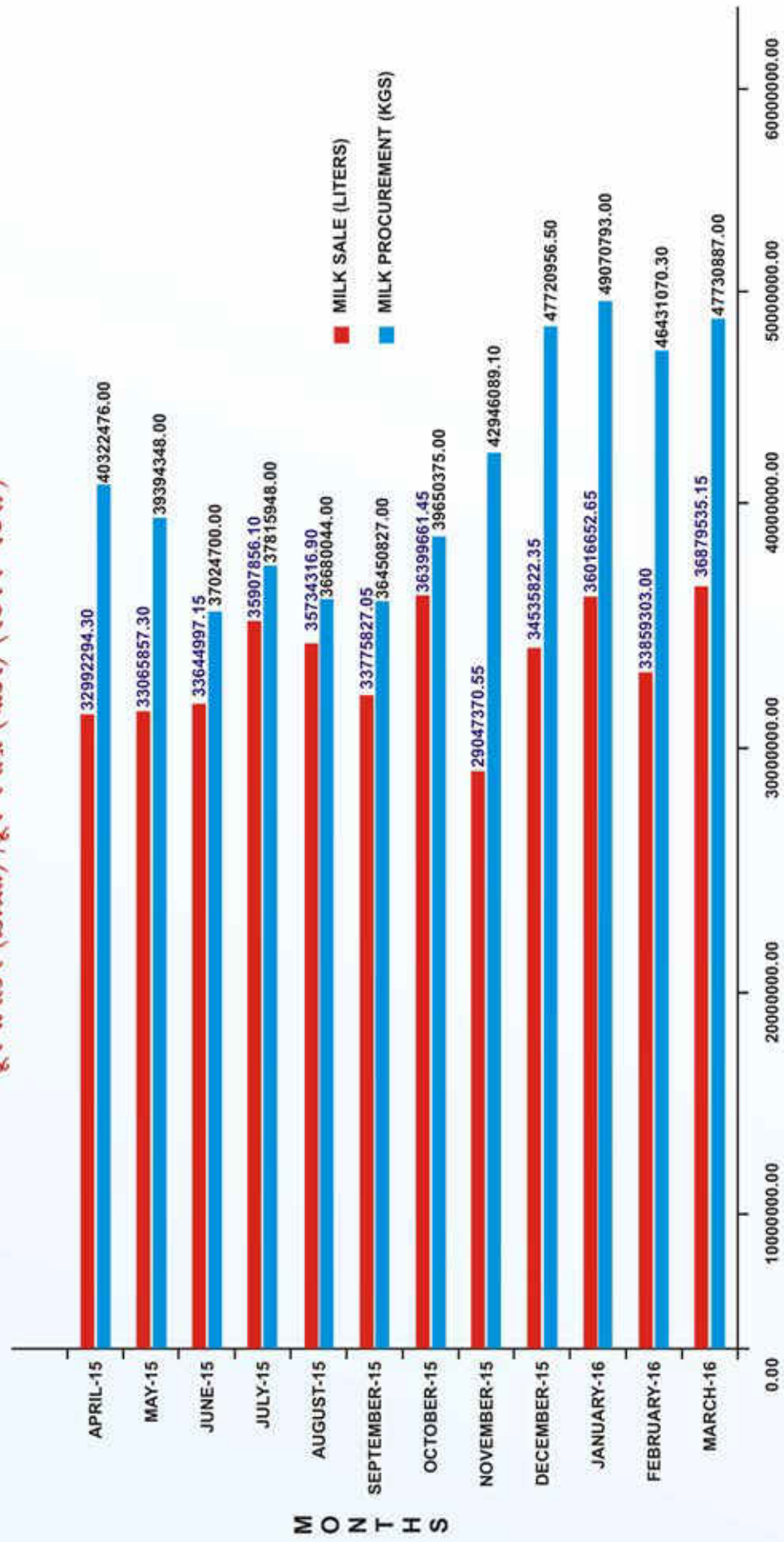
SUMUL HEALTHY CHILSREN COMPETITION WINNERS (2015 - 2016)

MAHIDA DISHA HARDEEPSINH
(0-1 YEAR)

GHOSH DEBANJANA DEBNATH
(1-3 YEAR)

SONI HEER RAKESHBHAI
(3-6 YEAR)

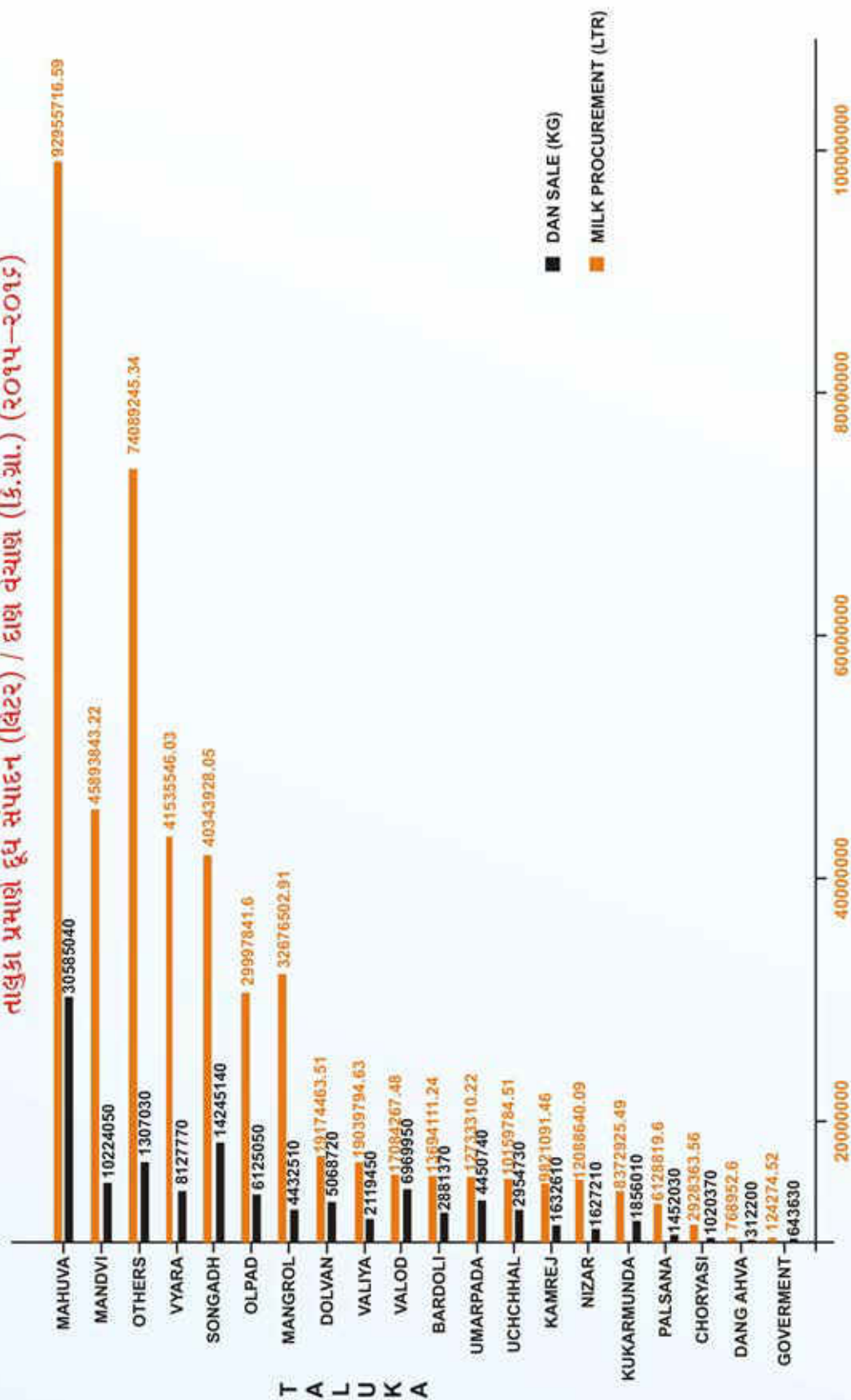
MILK PROCUREMENT (KGS) V/S. MILK SALE (LITERS) (2015-2016)
दूध संपादन (कि.ग्र.) / दूध बेचा (लीटर) (२०१५-२०१६)





TALUKA WISE MILK PROC. (LITERS) V/S. CATTLE FEED SALE (KGS.) (2015-2016)

તાલુકા પ્રમાણે દૂધ સંપાદન (લિટર) / દાણ વેચાણ (કિ.ગ્રા.) (૨૦૧૫-૨૦૧૬)





SUMUL HEALTHY BABY COMPETITION FOR MAXIMUM CHILDREN INCLUDED IN A DAY NATIONAL LEVEL BEST AWARD " LIMCA BOOK OF RECORDS " BEING
ACCEPTED BY SUMUL CHAIRMAN SHRI RAJESHKUMAR KANTILAL PATHAK FROM STAR SHRI DHARMENDRA & SHRI CHUNKY PANDEY.



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