

## **Notice**

This is to inform that, 71st Annual General Meeting of the Surat District Co-operative Milk Producers' Union Limited will meet on 29 May 2022, Sunday at 10.00 A.M., at Bajipura Chilling Centre for the purpose of the following agenda. So, authorized Representatives of the Societies are requested to remain present in the meeting.

## **Agenda**

1. To pay tribute to the departed souls.
2. To approve the preceding of previous General Meeting.
3. To take note the actual expenditure made during the year 2021 – 22 as against the provision made in the budget.
4. To approve the annual report made by control committee for the financial year ended on 31/03/2022 and Special auditor (Milk), Milk Audit office, Surat and M/S Modh & Co. (Chartered Accountants), Surat certified accounts with preside business and profit – loss.
5. To grant the distribution of the profit as recommended by the Board of Directors.
6. To approve the Budget for the year 2022 – 2023.
7. To view the Audit Report of Special auditor (Milk), Milk Audit office, Surat and M/S Modh & Co.(Chartered Accountants), Surat.
8. By the Union, to take decision regarding appointment of Statuary and Internal auditors and their remuneration.
9. Regarding to take land and dairy plants on lease/to purchase/to establish in Gujarat, Maharashtra, Goa and in other states.
- 10.Regarding establishment of organic laboratory.
- 11.To revise the Bylaws of the Union.
- 12.To decide limit to take loan from outside by remaining within the limits of Clause No. 6 of the Bylaws of the Union.
- 13.To decide fee for attending meetings, Traveling Allowance, rate of Daily Allowance and use of vehicles for attending the Board Meetings and Sub Committees by the Board of Directors.
- 14.The views of the Chairman or any other information from his side to be presented.

Sumul Dairy,  
SURAT 395008  
Date: 02/05/222

As per order of the Board of Directors  
I/C Managing Director  
Sumul Dairy, Surat.

Telephone: 2537693, 2531666, 2531137, 6710200  
Fax: 0261 2533572  
Society Members: 946

Registration No – P. D. 688 dated – 22/08/1951  
Audit Class – A

**COMMITTEE MEMBERS : 2021 – 2022**



**Shri Mansinhbhai Kalyanjibhai Patel**  
**Chairman**  
**Representative:**

Vanskui Dudh Utpadak Co operative Society, Ltd. Vanskui.  
Tal – Mahuva, Dist: Surat  
Mobile: 99798 75301, 9913342000



**Shri Rajeshkumar Kantilal Pathak**  
**Vice Chairman**  
**Representative,**

Mosali Dudh Utpadak Co operative Society, Ltd.  
At: Mosali Taluka: Mangrol, Dist: Surat:394421  
Mobile: 98251 07530



**Shri Riteshbhai Amarsinh Vasava**  
**Representative,**

Wadi Dudh Utpadak Co-operative Society, Ltd.  
At & Post – Wadi, Taluka – Umarpada, Dist.: Surat  
Mobile: 99093 74848



**Shri Nareshbhai Bhikhabhai Patel**  
**Representative,**

Bootwada Dudh Utpadak Co-operative Society, Ltd.  
At & Post – Bootwada, Taluka – Valod, Dist.: Tapi  
Mobile – 98258 73603



**Shri Jayeshbhai Natvarbhai Patel**  
**Representative:**

Delad Dudh Utpadak Co-operative Society, Ltd.  
At – Delad, Post: Sayan, Taluka – Olpad, Dist.: Surat,  
Mobile – 99799 11666



**Shri Bharatsinh Gumansinh Solanki**  
**Representative**

Dambha Dudh Utpadak Co-operative Society, Ltd.  
At & Post: Dambha, Taluka – Palsana, Dist.: Surat  
Mobile: 99795 00055



**Shri Sandipbhai Jayantilal Desai**  
**Representative,**

Kanakpur-Kansad Dudh Utpadak Co-operative Society, Ltd.  
At & Post: Kansad, Taluka – Choryasi, Dist.: Surat  
Mobile: 98250 11120



**Shri Bharatbhai Sudambhai Patel**  
**Representative (till 15.03.2022)**

Velda Dudh Utpadak Co-operative Society, Ltd  
At & Post: Velda, Taluka – Nizar, Dist.: Tapi  
Mobile: 80008 71065



**Shri Sunilbhai Ratanjibhai Gamit**  
**Representative,**

Jamki Dudh Utpadak Co-operative Society, Ltd.  
At & Post-Jamki, Taluka – Uchchhal, Dist.: Tapi  
Mobile: 9687056108 / 99241 56108



**Shri Balawantbhai Morarbhai Patel**  
**Representative,**

Choryasi Dudh Utpadak Co-operative Society, Ltd.  
At & Post: Choryasi, Taluka – Kamrej, Dist.: Surat  
Mobile: 98253 42133



**Shri Ajitbhai Jagubhai Patel**  
**Representative,**

Kharvasa Dudh Utpadak Co-operative Society, Ltd.  
At & Post-Kharvasa, Taluka – Bardoli, Dist.: Surat  
Mobile: 98795 24843





## COMMITTEE MEMBERS : 2021-2022



**Shri Resabhai Vasabhai Chaudhari**  
Representative,  
Sathvav Dudh Utpadak Co-operative Society, Ltd.  
At & Post: Sathvav, Taluka – Mandvi, Dist.: Surat  
Mobile: 98796 74793 / 90814 47728



**Shri Sanjaybhai Babanbhai Suryavanshi**  
Representative,  
Amoda Tarfe Taloda Dudh Utpadak Co-operative Society, Ltd.  
At & Post: Amoda Tarfe Taloda, Taluka - Kukarmunda.  
Dist.: Tapi - Mobile: 94284 50165



**Shri Siddharthbhai Amarsinh Chaudhari**  
Representative,  
Jesingpura Dudh Utpadak Co-operative Society, Ltd.  
At & Post: Jesingpura, Taluka –Vyara, Dist.: Tapi  
Mobile: 70160 51755  
(from 09 August 2020)



**Shri Kantibhai Reshmabhai Gamit**  
Representative,  
Dosvada Dudh Utpadak Co-operative Society, Ltd.  
At & Post: Dosvada, Taluka –Songadh, Dist.: Tapi  
Mobile: 98258 00291  
(from 09 August 2020)



**Shri Shaileshbhai Virsinhbhai Patel**  
Representative,  
Bahera Raipur Dudh Utpadak Co-operative Society, Ltd.  
At & Post: Bahera Raipur, Taluka –Dolvan, Dist.: Tapi  
Mobile: 9978778102  
(from 09 August 2020)



**Shri Atul Agrawal / Himanshu Bhatt**  
Representative,  
Gujarat Co-operative Milk Marketing  
Federation Ltd; Anand



**Shri Dhanraj Sahani**  
Representative,  
National Dairy Development Board, Anand



(Shri Rajesh Gupta, till 25/08/2021)  
(Shri Navin Kumar, from 26/08/2021)

Representative,  
National Dairy Development Board, Anand



**Shri Dhrivin Patel**  
The District Registrar  
Cooperative Societies,  
The Special Auditor (Milk), Milk Audit Office, Surat,  
Representative, The Registrar, Cooperative Societies, Gujarat State



**C A Kunjal Modh,**  
For Modh & Co. Chartered accountants)  
C A Kunjal Modh-Partner  
Reg. no – 129480 W, S. N. 129714  
Panel no.-240



**Shri Arun H. Purohit**  
Ex. Officio, Member Secretary,  
I/C Managing Sumul Dairy, Surat.  
Mobile – 99799 11333

## Bankers

The Surat District Co-operative Bank Ltd,  
State Bank of India, Surat  
Axis Bank, Surat

Bank of India, Surat.  
HDFC Bank, Surat  
Kotak Mahindra Bank, Surat

ICICI Bank, Surat  
Indusind Bank, Surat  
Federal Bank, Surat

## REPORT SHOWING PROGRESS (DETAILS)

Year	Societies	Milk Procured from societies (kg.)	Price paid per kg. fat Rs. ps	No. of Members (Societies)	No. of Trainees of Animal Husbandry Workers	No. of Artificial Insemination	No. of Pregnancy Treatment Cases	No. of Mobile Veterinary Clinics	No. of Animals Treated by Mobile Veterinary Clinics	No. of Cases of Special Veterinary Visits	Sale of Sumul Feed (M.T.)	No. of Frozen Semen Centers
1992-93	830	9,88,82,959	128.45	1,56,448	26	8,391	20,084	14	1,28,185	6,375	54,466	101
1993-94	849	11,22,80,311	132.46	1,58,088	28	11,079	22,114	16	1,51,490	8,278	56,281	65
1994-95	864	10,84,29,871	151.13	1,59,927	55	10,692	20,924	16	1,49,529	8,257	57,286	68
1995-96	900	11,69,66,093	176.75	1,95,312	22	16,815	33,239	17	1,76,397	10,258	61,668	77
1996-97	915	16,09,29,736	179.68	1,98,506	34	21,067	39,921	19	2,40,117	17,752	69,202	83
1997-98	940	18,77,96,293	184.67	2,03,906	08	22,807	49,047	19	3,13,311	21,128	82,597	89
1998-99	953	17,75,35,980	195.00	2,04,205	19	23,734	51,665	21	3,37,997	27,597	83,441	89
1999-00	960	18,56,81,310	199.00	2,05,546	23	33,505	55,216	21	3,71,334	30,596	82,264	100
2000-01	968	20,58,40,280	202.00	2,07,258	25	45,391	41,408	21	4,75,781	33,982	86,886	107
2001-02	977	19,81,62,669	205.00	2,09,208	59	52,251	73,278	21	5,14,620	39,337	96,663	115
2002-03	994	21,12,63,522	207.92	2,13,710	66	66,485	83,941	22	4,99,403	42,521	9,19,074	125
2003-04	1,006	20,73,02,286	216.00	2,17,615	70	83,765	93,326	21	5,92,200	55,220	1,01,492	140
2004-05	1,041	23,03,92,433	227.00	2,18,975	86	1,23,435	94,400	22	5,06,897	61,299	99,972	162
2005-06	1,048	25,17,46,629	233.00	2,21,057	127	1,40,120	1,18,304	22	4,48,797	79,953	1,06,491	165
2006-07	1,051	24,07,84,167	253.00	2,22,207	137	1,64,862	1,39,894	22	4,41,105	66,806	1,25,806	176
2007-08	1,055	24,33,37,021	295.00	2,23,207	106	1,94,325	1,63,495	22	4,88,628	96,602	1,15,861	201
2008-09	1,063	28,28,70,876	318.00	2,24,437	60	2,38,142	1,78,741	22	5,49,285	1,15,154	1,31,100	226
2009-10	1,068	29,50,69,162	350.00	2,25,389	80	2,70,714	2,11,487	22	6,14,456	1,36,104	1,39,254	243
2010-11	1,068	29,64,56,069	410.00	2,28,164	44	3,18,352	2,52,853	22	6,56,951	1,25,827	1,40,438	255
2011-12	1,076	32,60,83,990	485.00	2,28,924	73	3,52,381	2,91,142	22	4,74,406	1,37,585	1,50,385	262
2012-13	1,080	39,79,98,669	511.00	2,29,456	103	3,93,388	1,81,906	23	5,51,819	1,35,499	1,63,356	279
2013-14	1,095	39,03,20,107	568.00	2,30,406	121	4,01,133	3,28,547	23	4,57,741	1,26,063	1,33,709	297
2014-15	1,125	40,51,61,596	622.50	2,33,151	144	4,43,740	3,48,526	23	5,69,561	1,19,724	1,36,341	345
2015-16	1,141	50,12,38,514	691.00	2,35,301	90	4,64,305	3,61,162	26	5,44,901	1,26,639	1,34,611	398
2016-17	1,164	49,56,16,679	691.67+33.33	2,38,443	86	4,25,983	3,53,328	26	4,76,082	1,62,362	1,47,469	394
2017-18	1,173	57,53,95,510	724.17	2,40,382	67	3,08,618	2,63,137	26	4,23,373	1,52,022	1,74,256	417
2018-19	1,184	60,28,24,279	714.31	2,46,757	69	3,79,186	2,78,575	26	4,11,651	1,55,813	1,71,258	427
2019-20	1,200	53,93,04,332	756.25	2,48,469	46	3,95,244	2,46,990	26	4,74,380	1,58,108	1,97,575	434
2020-21	1,203	62,14,38,613	772.67	2,49,705	44	4,48,559	2,74,505	26	3,94,643	1,61,287	1,49,678	435
2021-22	1,208	64,88,83,629	787.00	2,50,252	44	4,55,668	2,78,283	27	3,98,381	2,69,097	1,68,794	438





## THE CHAIRMAN'S ADDRESSES

### Dear Cooperative Friends,

I am pleased to present in brief of accounts of the accounting year 2021-2022 certified by the auditor & with the consent of all committee members, reports, union's works & activities in the 71st annual general body meeting of Sumul Dairy.

In general, whole year was passed cautiously during corona pandemic. Compared to other businesses, we have to endure less troubles because of the established various facilities by our own resulting in we were able to continue uninterrupted all business dealings and activities. The new life is given to business development by interest free Sumul-Sudico Doodh Ganga animal loan scheme launched by Union for the development of the business when Sumul-Sudico heifers/heifers breeding program will be most useful in the coming years and to make self depend to dairy farmers prove to be important of which good feedback received from all societies.

Sumul Dan Factory Bajipura get certified by Bureau of Indian Standard (BIS) and awarded ISI license by the related department of Indian Government first among the various dairy unions of Gujarat, so, we have expectation that dairy farmers should be feed dan produced in our own cattle feed factory only and professionally, it is important that such feed to be stopped feeding which is harmful to animals.

In our area, to make self entrepreneurs in the dairy cooperative business to youths (male & female) by taking guidance from experts of the Union, for that it is necessary to make successful campaign village to village and society to society.

It is imperative to be very vigilant and regular in the matter of loan recovery and accounts of milk societies.

Veterinary visit call service like 108 proved very successful run by the union and first time in Gujarat State through various types of govt. aid schemes a humble effort taken to involve 1341 Ganga Swarup Sisters of Tapi District with dairy husbandry business to make them self dependent.

The "mask and sanitizer" was provided during corona pandemic to control the corona infection by family and community.

Recently, huge emotional scene of our "Sumul Parivar" was seen at Bajipura in presence of Shri Amitbhai Shah, Cooperative Minister, by huge gathering of Sumul Parivar it is an example of Cooperation and Unity of which note has been taken at state and country level with proud.

Such that our family, to make more organized cooperative coherence through Milk Societies to take steps towards how to make double the income of dairy farmers and in the truest sense, collective efforts to be taken to make them self depend.

### 1. UNION MEMBERSHIP :

Number of Primary Milk Producers' Co-operative Societies affiliated with the Union is 946, at the end of financial year.

## 2. BOARD OF DIRECTORS :

The period of the committee is 5 years from 09 August 2020. Seat from Nizar Taluka has laid vacant because representative of Nizar Taluka has been removed as member of Management Committee of Surat District Coop Milk Producers' Ltd by Cooperative Commissioner and Registrar, Coop Societies, Gujarat State, Gandhinagar vide letter no. 01/gh-3/375/2022, dt. 15.03.2022. The process for that is going on.

## 3. BUSINESS & FINANCIAL POSITION:

The total turnover of the union is Rs. 4,604 Crores (Inclusive of sales, other income & stock) which is 11.25% more or Rs. 466 Crores more than the previous year. The union recorded Rs. 4,079 Crores of sales which is 13.85% more or Rs. 496 Crores more than the previous year. And after provision of depreciation of Rs. 7,421 lakhs, the union has achieved a net profit of Rs. 10,56,04,156 at end of financial year 2021-22.

The Board of directors has recommended distributing a 15% dividend, within the limit of the provision in the 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: :

As like the previous year 2020-2021, this year was also a very difficult year for all of us due to Corona. We have lost many of our dear ones in the second and third waves (Omicron/Delta) which is a very sad moment for all of us. In this crucial situation also we were able to procure milk of 64,88,83,629 kilograms with the help of your hard work, which is 4.42% more than the previous year. During this year the union was also able to provide the benefit of Rs. 148.67 Crores to the qualified societies under various schemes. (Rs. 75.61 Crores was paid more against BCU Fat difference to those societies having BCU)

We are pleased to inform all dairy farmers that though there was a notable increase in the price of petrol-diesel, gas, raw material, packing material, etc., as compared to the previous year, the union was able to pay Rs. 787 per kilo fat which is 1.85% more or Rs.14.33 more than the previous year. Also, the union was able to pay BCU fat difference at a rate of Rs. 26.82 per kilo fat and the union has achieved a net profit of Rs. 10,56,04,156 which is 11.50% more than the previous year.

No.	Details	2020-2021	2021-2022
1	Cow Milk, Kilogram	39,58,59,978.10	41,59,91,184.70
2	Buffalo Milk, Kilogram	22,55,78,635.00	23,28,92,445.00
3	Total Milk, Kilogram	62,14,38,613.10	64,88,83,629.70
4	Total Fat, Kilogram	3,16,66,180.99	32,80,4,051.52
5	Total SNF, Kilogram	5,39,61,039.99	56,33,9,593.13





## 6. MARKETING / SALE:

### Details of sales made by Sumul Dairy, Surat as well as GCMMF

No.	Details	2021-2022 (Lit/kg)	Increase in Stock, %
1	Total Sales of Sumul Milk	55,68,78,274.25	12.59
2	Sales of Butter Milk	8,31,98,826.06	23.54
3	Sales of Curd	1,02,49,932.48	33.61
4	Sales of Ghee	43,48,149.88	8.78
5	Sales of Paneer	17,01,964.30	-5.74
6	Sales of Sweets	5,73,556.60	10.99
7	Sales of Shrikhand	3,72,873.30	1.74
8	Sales of Icecream	70,01,154.77	74.44

As compare to last year we could sell more 6,22,82,266 ltrs milk, means 12.59 % sale increased. And growth in sale of Dahi, Ghee, Shrikhand and Sweets was increased also.

During the year we could made sell maximum milk per day was 15,04,100 litres & maximum butter milk per day was 3,65,262 liters. During the year 10,93,982 liters milk & 2,27,942 liters butter milk on an average been sold per day in Surat city, Tapi District & rural areas. During the year, Sumul Dairy sold 28,082 kg dahi, 11,912 liters ghee, 4,662 kg paneer, 1,571 kg sweets and 1,021 kg shrikhand on an average per day.

### 6.1 BAKERY:

During the year, total quantity 2112.00 MT was sold by Sumul and GCMMF collectively and business of Rs. 19.94 crores in terms of money done. By the Sumul total quantity 1600.00MT and in terms money Rs. 12.19 crores of business done.

### 6.2 ICECREAM PLANT:

During the year, total quantity 70,91,776.78 litres of icecream was sold and business of Rs 87.42 crores in terms of money done, means 76.69% increased sale was noticed in compare to last year. In which, total quantity 1,73,609 litres of icecream was sold as a distributor and along with other products of Amul, the business of Rs 6.19 crores in terms of money done.

### 6.3 Sumul Food Factory – Take Home Ration (Chalthan) :

To eradicate malnutrition through supplying nutritive food, this plant installed by collective efforts of Sumul-Amul and Integrated Child Development Scheme (ICDS-GOG), under that, THR products were sold of Rs. 265.58 crores by the union during the year.

## 7. Development programmes for Milk societies & Milk Producers :

### 7.1 AUTOMATIC MILK COLLECTION STATIONS: (AMCS)

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. An arrangement has been made that society member pouring milk will get his details on computer at the end of month. Simultaneously, 1,229 milk analyzers on 810 societies were installed till 31.03.2022 to get analyze milk fat and SNF.

To get the details of receiving of the societies having BCU, 1,117 societies have been 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.

At society level milk procurement is being done by “Automatic Milk collection station”. AMUL AMCS software application is being planned for the implementation of uniform milk procurement fashion at all the societies. If phone number of member has been registered by AMUL AMCS software in the computer, he will be got provided details of the milk procurement daily by SMS. In addition by AMUL AMCS application installed in android phone of member by which member will get the details of his milk procurement on his mobile

No.	Details	2021-2022
1	Automatic Milk Collection Stations	1,568
2	Weighing Scales and milko Testers	105
3	Weighing Scales	136

### 7.2 (A) BULK CHILLING UNIT (BCU):

To maintain & control the desirable 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 of milk at society level and could be transported by tankers to the union, and chilling of milk at the place of production which has helped to improve quality of milk; and milk of two or four 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 (bacteria). So, dairy gets about 80-90% of milk having MBRT of 5–6 hours due to which we could be able to supply high quality milk in the market.

Year	Gujarat	Maharashtra	Goa	Total
2020-2021	693	179	15	887
2021-2022	710	201	15	926





The year 2020-2021 was full and the year 2021-2022 was partially passed in the Corona epidemic. In order not to get any help from the government for BMC, the Management of the Union decided to set up BMC by giving 25% subsidy from the Union and under that, assistance has been given in 39 BMC in 2021-22.

## 7.2 (B) ISO 9001 : 2015 CERTIFICATION OF SOCIETIES :

To improve in milk quality & to improve administration, 262 societies have received ISO:9001:2008 certificate of international standards up to the year 2015-2016. In the year 2016 – 2017 ISO: 9001: 2008 version was upgraded to ISO: 9001: 2015. During the year 2021-2022, all 443 societies were got audited by Global Sustainability Certification and Inspection Service (GSCI) and extended. So a total of 443 societies were currently certified by ISO:9001:2015. In the current year, 20 new milk societies have been added. It has been internally audited and will have a new addition after getting next external audit. The validity of the certification will be up to 2024. This was possible due to the positive cooperation of Chairmen, Vice Chairmen, Secretaries, Committee Members & Members of the societies. At present we have following societies talukawise having ISO: 9001: 2015 certificates of International Standards.

No.	Name of Taluka	ISO : 9001 : 2015 Certified Societies (Nos.)	Likely to Be Certified after external Audit	Total
1	Mandvi	94	10	104
2	Songadh	93	6	99
3	Vyara	67	6	73
4	Mahuva	40	2	42
5	Dolvan	40	1	41
6	Valod	28	8	36
7	Umarpada	26	4	30
8	Mangrol	24	7	31
9	Bardoli	18	6	24
10	Uchchhal	7	11	18
11	Kamrej	2	2	4
12	Olpad	2	5	7
13	Ahwa-Dang	1	0	1
14	Choryasi	1	0	1
15	Nizar	0	5	5
16	Kukarmunda	0	6	6
17	Palsana	0	1	1
	Total	443	80	523

To all the societies having ISO certificate till 31.03.2022, members of the board of directors of Sumul union decided to encourage to every society by giving Rs. 5,000 (Rs. Five thousand) as not flower, but petal of the flower” as a Motivation. Which is a very welcome step taken by Management, due to which Societies has got a boost.

The union’s management has decided to cover all the new BCU and which societies come under BCU to got provide ISO:9001:2015 certification in the next 2022-2023 year, in which we feel that proper cooperation can be obtained through Milk Societies.

## 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 milching 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 milching 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 quality of milk is remaining very good if milk is collected on time by the society. It is the responsibility of Sumul Union to transport the milk timely and the Safe upto Union / Chilling Center. The processing of milk at the Union becomes speedy and easy due to good quality milk, thus quality milk and “quality” 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 (by which milk gets spoil) in milk can be controlled by getting knowledge by members regarding Clean Milk Production.

To encourage clean milk production Sumul had started incentive scheme from month of July 07 for milk coming from BCUs depending on bacterial load found in the milk. To encourage/improve more quality of the milk depends on number of bacterial load 0-5 lakh or less, 20 paise per litre being giving as incentive

No.	Bacteria lac / ml	Paisa / Liter
1	0 to 5 lacs	20 paisa per liter

Sumul Dairy exercises efforts to maintain hygienic (total cleanliness) atmosphere of society by which high quality milk can be produced. It has been noticed great improvement of clean milk production. There are five societies got rank in which milk having less bacterial counts.





No.	Society	Taluka	Bacterial count Lac/ml
1	Kanaghat	Mandvi	1.8
2	Kikakui	Songadh	2.0
3	Allu	Bardoli	2.1
4	Limdha	Mandvi	2.1
5	Khanjroli	Mandvi	2.2

#### **ROOF TOP ELECTRIC SOLAR SYSTEM :**

With the change of time, the latest options are being explored. In the days to come the new challenges that are to come against the world. Taking it into consideration, there is a lot of emphasis on green energy at present. As part of this, Milk Societies of Sumul Union reduce its electricity bill burden and maximize use of green energy, for this purpose committed to install at societies come under BCU. Call on Milk Societies to take initiative to complete it on time and use it maximum. Many milk societies are proactive those who got have installed Roof Top Electricity Solar System without expecting hope from anyone. And have taken very good initiative. At this stage, such societies are congratulated very much from the Union.

#### **8.0 FODDER SEED DISTRIBUTION PROGRAMME:**

In animal husbandry practice, on the less size of land more quantity of nutritive fodder can be cultivated, for that union provided fodder seeds of various improved varieties.

No.	Details	2020-2021	2021-2022
1	Sorghum (S.S.G.) M. Ton	1,028.735	994.170
2	Maize ( African Tall) M. Ton	80.245	88.005
3	Rajka Bajari M. Ton	102.585	115.670
4	Rajko Anand- 2 M. Ton	0.958	0.570
5	Nutrifeed M. Ton	0.018	0.005
	Total Seed M. Ton	1,212.541	1198.420

Every milk producer/society must be feed cost effective silage to their animals having good nutritive value instead of dry fodder and paddy straw which is costly and having poor nutritive value. Bales of silage in 50kg packing are being supplied by Union at door step of society.

### 8.1 TREE PLANTATION PROGRAMME AT MILK SOCIETIES:

Every year, the Tree Plantation Campaign is being organized by the union to maintain environment and useful for producers, during this, common saplings and fruit tree saplings with aid were provided. During the year, by the forest nurseries and active cooperation of 1,064 milk societies 9,42,591 common saplings and 88,021 fruit tree saplings with aid were provided.

### 8.2 MILK HOUSE AID SCHEME:

Milk house is the center of conduction and development of the milk society, for that, union is providing a special aid facility to made available milk house.

During the financial year, total Rs. 80.15 lakh given to 35 milk societies as an aid. Under the milk house/godown scheme of government, the aid of Rs. 5 lakh to 1 milk society was made available.

### 8.3 WOMEN SAVING GROUPS SCHEME:

At village level, women start to savings from her income and this savings can be utilized at right time towards make self depend to her, for these women saving group is in working.

During financial year, 4,715 women saving groups and 71,642 women from 893 milk societies covered and total Rs. 9,74,45,283 made withdrawn during the year. And total saving of Rs. 19,20,96,416 made deposited during the year. To extend the scheme the provision made of an attractive interest facility.

### 8.4 PROVIDE MILCHING ANIMALS WITH AID TO GANGA SWAROOP SISTERS :

First in state, for Ganga Swarup Sisters by Tribal Sub Plan, Tapi District and District Planning Dept., District Panchayat, Tapi under different headings aid to made available a plan to provide assistance is being implemented.

The scheme successfully implemented with the consent of related milk societies and the animal loan and insurance premium of loan facility made available through our union.

Under this scheme, a total of 1,341 Ganga Swaroop sisters were provided Milching Animals of their choice with aid to engage them in business, the foundation work has been done through the implementation of the scheme first in state level by the Union.

Sr. No	NAME OF SCHEME NAME	NO. OF BENEFICIARIES	Amount of assistance	Loan Amount = (Animal Loan+ Insurance Premium)
1	2225 Primitive Group Six Basic Facilities	235	1,09,45,080	22,84,023
2	2225 Hadpati Six Basic Facilities	13	3,05,500	3,57,435
3	2225 P.V.K (Nucleus Budget)	47	11,44,800	13,39,620
4	2403 Animal Husbandry (New Gujarat Pattern)	419	1,02,02,400	1,19,39,320
5	2403 Animal Husbandry (Nucleus Budget)	01	23,500	27,495
6	2404 Dairy Development (Gujarat Pattern)	43	10,42,300	12,19,831
7	Border Village Six Basic Facilities	211	67,91,800	44,92,800
8	Planning Board	372	1,01,95,650	1,19,29,123
		1,341	4,06,51,030	3,35,89,647





## 8.5 SILAGE

The purpose of green fodder can be stored for a long time and its nutritional values to be maintained that is acceptable at world level. So we also have a special need to move fast in this direction.

A steady rise in the price of various animal feed ingredients and in view of the reduction in availability as well as irregularities, the Green Fodder is an easy and suitable source of nutrients for milching animals. But preserving the green fodder is essential for maintaining the regular availability of green fodder. Especially when there is scarcity of fodder, good quality fodder is available regularly in different seasons throughout the year to feed the animal for that preservation of green fodder in the form of “Silage” is an excellent remedy. Silage is a preserved green fodder.

List of dairy farmers Talukawise those have prepared silage themselves.

No.	Taluka Name	Silage M.T
1	Bardoli	10
2	Mandvi	06
3	Valod	57
4	Dolvan	08
5	Vyara	06
6	Kamrej	03
7	Olpad	2.5
	Total	92.5

Next year the goal is to encourage to make 300 tons of silage by the dairy farmers themselves.

## 9.0 ANIMAL HEALTH & BREEDING ACTIVITIES :

By using advanced scientific technology in the field of animal husbandry, the implementations of various schemes are being executed. The online application of Veterinary Treatment is a part of Digitalization of Veterinary Services and 24 hours and 365 days quality treatment is being providing through Veterinary Call Center by the 85 expert-experienced veterinary doctors. Under which ledger for online treatment per animal and per dairy farmer is available, through which the animal has been previously treated by which the quality of veterinary service is improved by getting accurate information on the spot.

No.	Details	2020-2021 (Number)	2021-2022 (Number)
1	Mobile Animal Clinic route / Zone	17	27
2	Micro veterinary route / Zone	09	
3	Animal treatment during the year	3,94,643	3,98,381
4	Sp. Veterinary visit	1,61,287	2,69,097
5	Primary animal treatment centre	435	438
6	Primary animal treatment case	8,243	9,152
7	Animal treatment camp	1,028	1,125
8	Cases in Animal treatment camps	1,23,199	1,29,284
9	Artificial insemination centre	435	438
10	No. of Artificial inseminations	4,48,559	4,55,668
11	Pregnancy treatment case	2,74,505	2,78,283
12	Foot & Mouth disease vaccination	2,75,685	2,42,780
13	Theileriosis disease vaccination	238	6,400
14	H.S. – B.Q vaccination	14,578	1,37,820
15	Anti Rabbies vaccination	618	722
16	Brucella vaccination	8,170	14,720
17	Lampi Skin disease Vaccination	00	1,09,349





## 9.1 “SUMUL SUMADHUR LABORATORY” ACTIVITIES :

### A. “Sumul Sumadhur Laboratory”

Details	2020-2021 (Number)	2021-2022 (Number)
Testing of milk Samples under P.T. project	36,513	46,906
Other samples ( blood samples)	518	2492
Cow Bull-Buffero Bull hereditary checking	23	28

The testing of blood samples, brucella, IBR disease, parentage verification, TB and JD executed.

### B. Temperature control program in animals:

No.	Details	2020-2021 (Number)	2021-2022 (Number)
1	Animal cooling system	20	29

## 9.2 “DIPA” PROGRAMME (PROGENY TESTING PROGRAMME):

By this programme, improvement of breed of milch animal / offspring & cow bull/buffalo bull to be made proven with the aim to get milch animals produce more milk at door step.

No.	Details	2020-2021 (Number)	2021-2022 (Number)
1	Working centre	42	42
2	Village included	108	108
3	Artificial insemination	44,810	40,802
4	Female Cow Calf Birth	4,267	4,763
5	Female Buffalo Calf Birth	2,623	2,694
6	Animals covered under milk measurement	3,809	4,366
7	Selected total male calves under PTP of NDDB	388	

Under Progeny Testing Programmes from December 2020 to November 2021, AI worker Shri Deepakbhai C Patel, AI Centre Waheval did 2045 total no. of artificial insemination in animals with success rate 80.44% achieved first rank in India in all PT Programmes conducted by NDDB and credit goes to Waheval milk society and Sumul Dairy as well.

## 9.3 SUMUL’S ANIMAL GENETICS AT NATIONAL LEVEL:

“Elite herds” are being formed in our milk shed area in which high profile animals are being reared & inseminated with Nominated mating means inseminated by proven bull semen dose. Due to which having high genetic profile, the male calves are being produced & out of these 388 male calves had been selected at the national level. “Sabarmati Ashram Gaushala, governed by NDDB is preparing Semen Doses and is being used at national level. This is the great achievement of our union.

#### 9.4 PURE BREEDING PROGRAMME (PBP):

With the help of GCMMF, Anand, 10 milk societies got involved by our union under PBP. Under this programme, by doing measurement of milk those animals having capacity to produce more milk, the offspring of such animals inseminated by the semen dose received from premium cow bull/buffalo bull to produce heifers in more numbers with high genetic profile with the aim to get more milk production.

Sr. No	Details	2020-2021 (Number)	2021-2022 (Number)
1	Milk societies included under P.B.P.	27	10
2	Animals covered under milk measurement	67	67

#### 9.5 SEX SEMEN (Gender Based Semen Dose)

In this technique, doses are made for insemination by removing Y chromosome containing sperms and having X chromosome containing sperms. By using this dose we can only produce cow heifer/buffalo heifer. In the current year, we have used about 6000 sex semen doses.

#### 9.6 EMBRYO TRANSFER TECHNOLOGY :

From the current year, the scheme has been implemented on a pilot basis at ours Vanskui and Bhanawadi farms as part of rapid breeding improvement. In this scheme, the more ova from the ovary of a cow / buffalo with a high genetic structure is obtained then ovum is fertilized in a laboratory by a sex semen collected from Proven Bull and the embryo thus prepared is transplanted into another cow / buffalo. In this way, through this scheme, from high breed cows or buffaloes, the 30 to 35 female offspring per year can be achieved. In the current year, we, by the pilot project of embryo transfer technique have transplanted about 10 embryos resulting in 3 cows pregnant at Vansakui and Bhanawali Farms.

#### 9.7 “SUMUL” FERTILITY IMPROVEMENT PROGRAMME (FIP PROGRAMME):

Since 2007-2008 FIP programmes has been functional with the help of GCMMF Anand. Under this programme different societies been selected & adult unproductive animals are covered by doing their registration. They are checked/treated in four infertility camps at 45 days interval & this programme becomes very successful to reduce burden of such unproductive animals at our producer have made them productive.

No.	FIP year	Conception Rate	No of Registered animals
1	First	82.2	13,099
2	Second	80.2	14,750
3	Third	80.0	14,796
4	Fourth	80.0	12,675
5	Fifth	79.0	10,068
6	Sixth	78.0	07,546
7	Seventh	78.0	39,011
8	Eighth	76.6	22,494
9	Ninth	75.0	25,727
10	Tenth	72.9	37,225
11	Eleventh	71.95	41,011
12	Twelfth	72.05	47,822
13	Thirteenth	71.46	39,393





#### FIP – 14

At present 313 societies of our union have been covered under FIP-14 (Fertility Improvement Programmes-14) in which 44,016 animals are registered. Four (04) infertility camps are completed in each society. At present total 31,402 animals observed pregnant out of the total registered animals. there is a plan to cover more 350 societies in 2022-2023 under this programme.

#### 9.8 PRODUCTIVITY ENHANCEMENT PROGRAMME (PEP) :

With the help of GCMMF, Anand, the 627 milk societies were covered under PEP. In which various integrated programs for the purpose of increasing the total productivity of cattle, artificial insemination registration, calf registration, calf rearing program (CRP) and fertility improvement programs were organized.

No.	Details	2020-2021 (Number)	2021-2022 (Number)
1	Milk societies covered under P.E.P	627	627
2	Artificial insemination registration	20,048	20,531

#### 9.9 CALF REARING PROGRAMME (CRP) :

Those calves having good genetic characteristics produced at farmers' door step through artificial insemination, with the help of GCMMF, Anand, after registration of such calves the calf rearing kit (milk replacer powder 10kg and calf starter feed 50kg) and 1kg sumineral fort plus powder, and Sumul Dan (Elite) 100kg and 2kg sumineral fort plus powder is being given by union to rear the calves in phase manner

No.	Details	2020-2021 (Number)	2021-2022 (Number)
1	Milk societies covered under C.R.P	435	378
2	Calves registered under C.R.P.	18,136	23,088

#### 9.10 STRATEGIC CALF REARING PROGRAMME (STRATEGIC CRP) :

Calves taken birth under PTP and PEP and those having high genetic characteristics, selected such type of calves are being rear under strategic calf rearing program at Sumul Animal Breeding Centre-Vanskui and Sumul Sakhi Dairy farm, Bhanavadi. GCMMF, Anand and Sumul Dairy, Surat running this programme so that first calving of cross bred calves in 24 months and deshi calves in 30 months can be under strategic calf rearing program.

Sr. No	Details	2020-2021 (Number)	2021-2022 (Number)
1	Cross Bred female calves covered under Strategic C.R.P.	10	17
2	Gir female calves covered under Strategic C.R.P.	8	11
3	Calves covered under Strategic C.R.P.	5	3
		23	31

### 9.11 SCHEME FOR ESTABLISHMENT OF DAIRY FARM OF 12 MILCHING ANIMALS FOR SELFEMPLOYMENT THROUGH ANIMAL REARING BUSINESS:

To encourage animal rearing as a business, at village level to create opportunities for self employment and to discourage urbanization, for that, by the Government of Gujarat, started giving aid through this scheme in 2018-19 to establish dairy farm of 12 milching animals. There were three compulsory components of that scheme viz., construction of cattle shed (600 sqr. Feet), purchasing of 12 milching animals and insurance premium. In which, Rs.1.50 lakh subsidy against 3.0 lakh investment for cattle shed construction, 8.5% loan interest subsidy for 5 years in loan taken and Rs. 43,200 subsidy in insurance premium payment, provisions were applicable. Additionally, in optional components, the subsidy will be given of Rs. 18,000 for chaff cutter, Rs. 33,750 for milking machine and Rs. 9,000 for fogger system purchasing. However, per unit in first year subsidy of approximately Rs. 3,06,350 to be given to schedule cast and women beneficiaries. Under this scheme, 30 units to be installed in Surat district and Tapi district. So far, following work done under the scheme in the year 2021-22.

District	Approved unit	Installed Units, till now	Total purchased animals
Surat	19	14	168
Tapi	10	9	108

### 9.12 SHRI VAJPAYEE BANKABLE SCHEME :

Sr. No.	No. of Societies	No. of Beneficiaries	No. of Animals	Amount Paid By Bank (Rs.)
1	7	21	83	56,02,500

### 9.13 SUMUL DAN DISTRIBUTION:

Sumul Dan Factory, Bajipura, to satisfy necessary requirement, producing quality cattle feed by using combination of scientific modernization and latest technologies, all available raw materials and various resources, continual inspection and improvement in related process and procedures is committed to supply balanced cattle feed continually at minimum cost.

Sumul Dan Factory is producing quality cattle feed as per BIS standards, the cattle feeds are available like Sumul Dan Gold Plus, Buffalo Special, Hypro Feed (Bypass Protein Feed), Calf Starter, Maize Bhardo of which distribution is being done to societies as per their demand. In the current year, by the more than 7,000 Dairy Farmers from more than 100 Societies of Surat-Tapi District visited Sumul Dan Factory, imparted training to understand Scientific Animal Nutrition-Feeding resulting in taken guidance regarding produce of owned factory, the purchase of maize bhardo of low quality by dairy farmers keeping in view of this Sumul Dairy has been started production of good quality maize bhardo and sale has been initiated also this year.

No.	Details	2020-2021	2021-2022	Average increase
1	Production Capacity ( MT/day)	1,000	1,000	-
2	Average Production (MT/day)	491	589	20
3	Annual Feed Sale (MT)	1,49,678	1,68,794	12.8
4	Sumul Buffalo Special (MT)	4,080	4,532	11.1
5	Sumul Hypro Feed (MT)	1,234	2,098	70





#### **9.14 CATTLE FEED SUPPLIMENTS (Sumineral Forte Plus, Ferticare Gold, Sumul Milk Shakti Powder):**

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 animals. In order to maintain good health of animals, the supplementation of mineral mixture in the feed is necessary. To avoid mineral deficiency in animal body, keeping this in mind, mineral mixture powder plant at cattle feed plant Bajipura have been made operational. In this, Union during the year, have able to manufacture and supply as per demand of good quality Chelated Mineral Mixture (new formulation, new packaging and in new flavor) to milk producers' through co-operatives societies.

To eliminate fertility problems in animals due to mineral deficiency, "Sumul Ferticare gold Plus" powder enriched with bypass fat & chelated minerals is being produced by sumul dairy & being arranged to sell at society level. Sumul Sumineral forte Plus, Sumul Ferticare Gold, Sumul Milk Shakti powder are being sold from the Bajipura.

Our dairy farmers buy expensive and low quality liquid calcium feed supplement of various companies from the market. Sumul Dairy has started production of Liquid Calcium Supplement of good quality to get available to our dairy farmers with this aim from the current year, Sumul Nutrimilk Formula (liquid feed supplement in 1lit & 5lit jar) containing Calcium, Phosphorus, Vitamin A, D3, E, Chelated Minerals and Galactagogue herbals (essence of Satavari & Jivanti). By which preventing deficiency of minerals, calcium occurs in dairy animals after calving helps in increasing milk production.

To alleviate infertility problem in animals due to minerals and vitamins deficiency, Sumul Dairy has started production of Ferticare Gold Bolus (medicine).

Sumul Ferticare Gold Bolus contains Chelated Micro Minerals such as Copper, Cobalt, Zinc, Manganese, Iodine and Selenium and Vitamin A, D3, E, in addition of these, many other useful herbal ingredients are being incorporating also.

The bolus produced in this production unit can be used to treat infertile animals of Surat and Tapi districts and the reproductive capacity of milking animals will increase. Their generations will go on and India will continue to be rich in animal wealth as always.

A balanced Cattle Feed for animal is being produced at Sumul Dan Factory, Bajipura. The wastage comes out during the cleaning of plant. It has been decided by Sumul, to produce Organic Waste Biocompost Fertilizer with the help of various bacterial cultures, from the waste comes out from cattle feed factory. Our farmers will have to get excellent organic fertilizers rich in nitrogen, phosphorus, potash and calcium for their crops.

Sumul Sumineral forte Plus, Sumul Ferticare Gold Plus, Sumul Milk Shakti Powder and Sumul Nutrimilk (liquid feed supplement) were sold from the Bajipura as per following.



Sr. No	Details	2020-2021 (Number)	2021-2022 (Number)	Average Increase (%)
1	Sumineral Fort Plus (1kg packet)	1,14,514	1,82,167	59.1
2	Ferticare Gold Powder (1kg packet)	1,12,574	1,28,662	14.3
3	Sumul Milk Shakti Powder (1kg packet)	20,514	35,744	74.2
4	Sumul Nutrimilk Supplement (1 Lit Jar)	0	117	117
5	Sumul Nutrimilk Supplement (5 Lit Jar)	0	123	123
6	Fodder Block (14.5 Kg Bag)	8,763	18,462	110.7

**SUPER BULLET GRASS (Improved variety of Hybrid Napier Grass):**

Adequate green fodder is to be made available throughout the year to maintain milk production in cattle; Sumul Dairy launches "Ek Gram-Dus Fodder Farm" campaign under Super Bullet Fodder Development Program. During the current year, in more than 350 Societies, more than 2 lakh supper bullet stem cuttings distributed to more than 3,000 dairy farmers from the Sumul Bajipura Chilling Centre and Vanskui Animal Breeding Centre.

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**SUMUL NUTRI - MILK**  
Formula Vet  
**સુમલ ન્યૂટ્રી-મિલ્ક ફોર્મુલા વેટ**

● દરેક લિટરમાં ૧૦ ગ્રામ સુધીનું પાચક એન્ઝાઇમ છે ●  
● દરેક લિટરમાં ૫૦ મિલીગ્રામ ડાય-કેલ્શિયમ હાઈડ્રોજન ફોસ્ફેટ છે ●  
● દરેક લિટરમાં ૨૦ મિલીગ્રામ કોબાલ્ટ સાયનાઇડ છે ●



Nutritional Composition Each 100 ml Contains:	
Calcium (mg)	1000
Phosphorus (mg)	1000
Vit D <sub>3</sub> (mg)	40
Copper (mg)	24
Iodine (mg)	1
Manganese (mg)	1
Sodium (mg)	9
Zinc (mg)	4.4
Chromium (mg)	0.21
Thiamin B1 (mg)	0.00000
Riboflavin B2 (mg)	0.00000
Niacin B3 (mg)	0.1
Pantoic Acid (mg)	0.1
Ascorbic Acid (mg)	0.000
Extract of Yeast (mg)	0.000
Caloric Enthalpy (kcal)	0.5
Protein (g)	0.5

- દૂધ ઉત્પાદન, શક્તિની જરૂરિયાત અને રોગપ્રતિકારક શક્તિ વધારવા માટેનો ફોર્મ્યુલા.
- પશુઓની દૂધ ઉત્પાદન ક્ષમતા વધારે.
- પાડોશભરડીઓની ઊંડપી વૃદ્ધિ માટે.
- શરીરમાં કેલ્શિયમ નું પ્રમાણ વધારે.
- ખોલેખંત તથા જરીમેલી પડવા જેવી સમસ્યાઓ ની શક્યતાઓ ઘટાડે.

વળા : વાળાનો - દરેક ૧૦૦ મીલી/પાઉ  
પાછાડી/પાંડી - દરેક ૧૦ મીલી/પાઉ

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### 9.15 FODDER DEVELOPMENT FARM - BAJIPURA :

Supper Bullet grass was planted in phases in about 8 (eight) bighas of land at Bajipura Chilling Centre last year, through which high quality seeds became available to the livestock keepers of Sumul Dairy. Fodder Demonstration Plot has been prepared to get information regarding fodder at Fodder Development Farm, Bajipura, so that the members can get the information about the improved quality of various fodders, in the financial year 2021-22, a total number of 86,428 stem cuttings of Supper Bullet Grass were sold. Through which a total of 201 societies and a total of 949 dairy farmers have availed this benefit.

### 9.16 SUMUL DAN/ SUMUL FEED SUPPLEMENT AID :

Veterinary department of the union was made supply of Sumul Dan and Sumul Feed Supplements with aid to the dairy farmers under the various schemes (GCMMF/Govt.) are in implementation.

Sr. No	Details	2020-2021 (Number)	2021-2022 (Number)
1	Total Sumul Dan And Sumul Feed Supplement (M. Ton)	10,689.007	12,333.44
2	Total Amount (Rs. lakh)	2,640.11	3,106.28
3	Total Aid (GCMMF/Government) (Rs. lakh)	765.48	1,211.97
4	Total Aid through Union (Rs. lakh)	1,143.35	1,025.63
5	Share of dairy farmer beneficiaries (Rs. lakh)	731.27	868.67

### 9.17 ANIMAL HUSBANDRY STORES :

Sr. No	Details	2020-2021 (Number)	2021-2022 (Number)
1	Electrical Chaff Cutter	623	714
2	Milking Machine	09	09
3	Cow Mat	5,401	3,558
4	Silage Bag	150	106
5	A.I. Crate	183	212
6	Animal Lifting Travis	40	75
7	Electric Chaff Cutter (Repairing)	1,403	1,574

### 9.18 SUMUL CATTLE GROUP INSURANCE:

Livelihood of the member gets vanished when priceless animal-herd dies either due to disease or by any other means. In order to run livelihood, insurance of animals taking scheme is continuing by the union. Under this scheme, 14,057 animals were covered through 4,288 policies. The Rs. 6.83 crore as premium was paid to insurance company. Getting upon approval of 664 animals insurance claims, amount of Rs. 3.55 crore have been paid to members.

**9.19 SUMUL ANIMAL BREEDING CENTRE, VANSKUI :**

Under Calf Rearing Programme till now 2,297 heifers has been distributed from this centre whereas 3 heifers grown and distributed during the year. Strategic Calf Rearing Program started with the help of G.C.M.M.F., Anand in which a crossbred heifer at the age of 24 months and the heifer of a desi cow like Gir / Kankrej as well as buffalo heifer at the age of 30 years should be delivered calving. This scheme has been working at the center for last 2.5 years. At present, the rearing of 26 Gir heifers and 1 cross bred heifer, total 27 heifers are being rear under scientifically, Out of which calving of 1 crossbred calf has been observed at the age of 23 months. While the calving of 2 Gir heifers did at the age of 26 months on an average and 5 Gir heifers got pregnant at the age of 19 months on an average, of which calving yet to be pending. Thus of all these Gir heifers are being rear at the center with growth rate at the rate of 610gram/day.

During the year total 1,028 bags vermi compost fertilizer, 73 kilogram earth worms, 13,861 litre Gir cow urine, 4,528 kilogram vermi compost residue and 2,933 kilogram dung of Gir cow was distributed. Additionally, improved hybrid varieties of fodder stem cuttings like 18,875 nos. of super bullet grass, 15,685 nos. of bullet grass and 650 kg Jinjva grass with high protein was distributed to the various society members under union's catchment. During the year, different organizations and societies 2,235 visitors had visited and taken direction and guidance regarding scientific animal husbandry.

**9.20 SUMUL COW BULL/BUFFALO BULL REARING CENTRE, VANSKUI :**

The total 29 nos. of breeding bulls having High Genetic Merit were distributed from the Vanskui Centre to various societies comes under Union. At present, a total of 33 with high genetic merit male cow calves/male buffalo calves are being rear scientifically at centre.

Sr. No	Distributed Cow/Buffalo Bulls	2020-2021 (Number)	2021-2022 (Number)
1	H.F. Hybrid Bulls	0	17
2	Murrah X Pada	0	07
3	Gir Bulls	0	05
	Total	0	29

**9.21 SUMUL SAKHI DAIRY FARM – BHANAWADI :**

Women of "Women Saving Groups" managed by union, avail employment at her door step by adopting animal husbandry business, to bring financial progress, in March 2020 a community dairy farm "Sumul Sakhi Dairy Farm" at Bhanawadi, Ta: Vyara, Distt. Tapi was started.

Sr. No	Details	2020-2021 (Number)	2021-2022 (Number)
1	Total Milching Animals	100	118
2	Total Female Cow Heifers	35	55
3	Total Female Buffalo Heifers	12	22
4	Women of the Working Savings Group	27	30





## 9.22 INTEGRATED DAIRY DEVELOPMENT PROGRAMME (IDDP):

A Scheme was approved by Tribal Development Department of Government under catchment area of Sumul Dairy for the assistance of BPL & tribal beneficiaries to purchase milching animals & the provision of infrastructural facility establishment in phase manner. Under this, by the now, total 20,149 milching animals were distributed by organizing “Animal Fair” nearby. Under this scheme, so far the subsidy of Rs. 54.00 crore is given in Surat and Tapi districts.

During the year, in which total 2,059 milching animals have been distributed, under this scheme tribal beneficiaries were included in milk production business by giving assistance of Rs. 667.10 lakh as subsidy. Assistance of Rs. 32,400 per unit was given, also, animal insurance premium for three years, Sumul dan and training assistance was given in the form of aid.

No.	Details	2020-2021 (Number)	2021-2022 (Number)
1	Purchasing of Animals (Number)	004	2,059
2	Subsidy Amount Rs. (Crore)	1.29	667.1
3	Loan Amount Rs. (Crore)	0.80	411.8

## 9.23 ARTIFICIAL INSEMINATION TRAINING CENTRE:

In Artificial Insemination Training Centers run by the Union beside of our Union's Catchment Area, other organizations across the state are also sending trainees for the purpose of taking training. The artificial training center imparts high quality education of theoretical and practical. Information of various schemes related to animal husbandry is also given by the Union in order to strengthen the basic work at Village level can be done in the field of animal husbandry as well as it can be made viable. During the training, the useful information is being provided regarding animal husbandry business to the trainee dairy farmers along with scientific approach.

**During the year, the successful training was given as per following.**

Sr. No	Training	Days of training	2020-2021		2021-2022	
			Sumul	Others	Sumul	Others
1	Artificial insemination and First Aid treatment of animals	42	34	10	33	11

## 9.24 UNDER PROGRESSIVE ENTREPRENEURSHIP DEVELOPMENT PROGRAMME A STEP TOWARDS COMMERCIAL DAIRY FARMING:

To get success in any business it is most necessary to have basic training. In our area, milk producers are engaged in this business by keeping more milching animals. The dairy husbandry business can be make profitable by taking benefits of experience of their such types of milk producers and to make successful by incorporating technical guide lines of experts for scientific standards maintenance and to get encouragement these milk producers to expand their business and such milk producers may become the role model for other milk producers, with a such good intension how can be made a successful entrepreneur, a five days intensive

training program is planned. In this program a booklet having full technical details and for more perceptible knowledge / details through visit to large successful dairy farm in other districts, union has given prime importance.

In our milk shed, there are 251 milk producers pouring more than 50 litres milk are covered under this program. Every month, experts from our union, fulfill the farm consultancy during their perceptible visit to their farms to accelerate profitable animal husbandry business, we are going to a step ahead. We are going ahead with certain vision, in coming years there will an addition of such milk producers & their income can be made double.

No.	Details	2020-2021 (Number)	2021-2022 (Number)
1	No. of Trainees	290	251

## 9.25 SUMUL ANIMAL LOAN SCHEME :

To accelerate the milk production enterprise and encouragement could be made to animal husbandry business, for this purpose union started “Implemented Various Animal Loan Schemes” of which detail information is given in the following table

### 1. SUMUL KAMDHENU SCHEME :

Sr. No	Details	2020-2021 (Number)	2021-2022 (Number)
1	Societies	230	148
2	Beneficiaries	2,637	1,423
3	Animals Distributed	2,637	1,446
4	Amount paid towards loan (Crore)	16.98	09.30

### 2. SUMUL - SUDICO DOODH GANGA ANIMAL LOAN SCHEME:

Sr. No	Details	2020-2021 (Number)	2021-2022 (Number)
1	Societies	-	352
2	Beneficiaries	-	7,142
3	Animals Distributed	-	7,147
4	Amount paid towards loan (Crore)	-	46.84

## 9.26 SUMUL – SUDICO COW HEIFER/BUFFALO HEIFER SCHEME :

Rearing of cow heifer/buffalo heifer is an integral part of profitable animal husbandry. To promote cow/buffalo heifer rearing in a scientific manner as well as to prevent losses in animal purchases, fraud, monetary loss and to increase the number of high quality livestock we have implemented this scheme in collaboration with Surat Distt. Coop Bank. In which 900 kg of Elite Dan and 18 kg mineral mixture per cow/buffalo heifer is being given in phase manner. The price of which is does around Rs. 20,000/- which is being given us by Surat Distt. Coop Bank at a nominal interest rate of 8% and the interest of which is borne by Sumul and Surat Distt. Coop Bank, an attempt is being made to accelerate cow/buffalo heifer rearing by providing interest-free feed to dairy farmers.

In the current year, the scheme has included 596 cow/buffalo heifers of members from 61 Societies.





Sr. No	Details	2020-2021 (Number)	2021-2022 (Number)
1	Milk Societies Covered	-	061
2	Cow /Buffalo Heifers Covered	-	596

### 9.27 I-KHEDUT PORTAL FACILITY ASSISTANCE PROJECT:

Under the I-Khedut Portal Facility assistance project of Animal Husbandry department of Gujarat state, the following subsidy & assistance to milk producers of both of our milk shed is given.

Se. No.	Name of Scheme	2020-2021		2021-2022	
		No. of Machinery	Assistance Rs. (Lakh)	No. of Machinery	Assistance Rs. (Lakh)
1	Power Driven Chaff Cutter	192	34.56	162	29.16
2	Bulk Milk Cooler	02	13.92	00	00.00
3	Milk House	03	15.00	01	05.00
4	Godown	03	15.00	00	00.00

### 9.28 MASTITIS PREVENTION PROGRAMME (MPP):

Mastitis is mainly observed in milch animals especially in high yielding animals. Generally, if our milk producer could be able to diagnose the mastitis before its clinically appearance then it can be prevented calving loss of animal, milk of particular lactation and huge financial loss of the milk producer, that's why our union has implemented such important program with the help of GCMMF, Anand.

In this program, milk producers himself diagnose the subclinical mastitis then it can be planned to prevent it immediately. Before the symptoms appear, diagnosis of this disease made in more than 50% animals out of covered in this program and we could be able to prevent loss to the animal and their financial loss.

Sr. No	Details	2020-2021 (Number)	2021-2022 (Number)
1	CMT test of milk sample done by member (first round)	34,040	38,627
2	CMT test of milk sample member observed Positive (first round)	22,354	24,238
3	CMT test per animal	2,00,576	2,46,050
4	Animal under CMT test (first round)	1,17,617	1,44,921
5	Positive animal in CMT test (first round)	81,989	1,02,824
6	Animal under CMT test (second round)	78,192	1,01,129
7	Positive animal in CMT test (second round)	32,071	39,601
8	Trisodium citrate given to animal	1,14,696	1,36,116
9	Improvement in animal after Trisodium citrate given	49,918	63,223
10	Improvement in animal after Trisodium citrate given (percent)	60.88	61.48



# સહકાર થી સમૃદ્ધિ

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રાષ્ટ્રીય કેન્દ્રીય ગૃહ અને સહકાર મંત્રી, ભારત સરકાર

## શ્રી અમિતભાઈ શાહ

સાથે સંવાદ

આત્મનિર્ભર પશુપાલકો

કૃષિ વિકાસ

મુપોષણ અભિયાન

:: તારીખ ::

૧૩ માર્ચ ૨૦૨૨, રવિવાર

સવારે ૦૯:૩૦ કલાકે

સ્થાન ::



# જુમુલ





**9.29 ETHNOVET PROGRAMME (EVP) :**

With help of GCMMF, Anand, the Ethnovet Program is implemented in our working field of the union. To reduce the use of antibiotic medicines during treatment of animals and to get produce good quality milk, the Ethnovet practices were implanted.

No.	Year	2020-2021 (Number)	2021-2022 (Number)
1	Total cases under E.V.P.	968	1,150

**9.30 MASS DEWORMING CAMPAGIN :**

The more number of diseases are being seen in the animals caused by internal parasites (worms) in the rainy season. The decreased milk production, slow body development, weakness, loose motion, indigestion and infertility related problems are being seen due to internal parasitic diseases. To eradicate these diseases, the de-worming tablets/boluses were distributed under mass de-worming campaign. The 25% subsidy is being given by the union.

No.	Details	2020-2021 (Number)	2021-2022 (Number)
1	Deworming Tablets/Bolus (No.)	3,84,098	1,50,332
2	Total amount (Rs.)	17,63,275	6,35,792
3	Aid amount (Rs.)	4,26,656	1,53,318

**10 QUALITY ASSURANCE, QUALITY CONTROL & ISO SYSTEM:**

To do chemical analysis of milk, the union has made available advanced equipments in the main dairy laboratory and in the all laboratories of centers like Lahe Plant, Icecream Plant, Goa Plant, Jesingpura, THR Plant and Bakery unit made well equipped. Total 2, FT-1, FFT-2, six Milkoscan (FT120), six Indiscreen machines and two Marsh Milkoscan machine and NIR are functioning at main dairy lab and which are capable to give accurate information regarding adulteration. To count bacterial load in milk, the latest hitech Bactoscan machine is in function at main dairy laboratory. At Sumul Dairy for A1 & A2 protein examination, modern RTPCR machines are there.

The GCFID machines at main dairy laboratory, Lahe and Goa Plant have been installed to analyze milk fat quality.

At the main dairy laboratory as well as at Lahe plant and Goa Plant GCFID machine was installed which is useful to check the quality of the milk fat.

In the union's Navi Pardi unit, bakery & icecream product and new powder plant laboratories made well equipped with all means for the testing of the products quality as per FSSAI norms. To test Take Home Ration (THR) products quality, the well equipped laboratory made available at THR Plant, Chalthan.

For the testing of other solid materials, the Brukar make NIR machine installed at Sumul dairy, Surat which gives result in one minute only.

Expansion of new Microbiology Lab at Sumul Dairy Surat has been made, so that biological testing can be done.





#### 10(A) Quality Management System: (ISO: 9001: 2015)

To match with as international standards regarding food safety, in fact our union had been achieved ISO: 9002:1994 certificate by applying Quality Management System in the year 2000 only. Quality Management System made latest by getting ISO Standard upgraded as per 9001: 2000 in the year 2000, Sumul Dairy Surat and Lahe Plant (Nashik) together was certified as per ISO:9001:2008 in 2008.

To maintain quality, it is necessary to be remaining alert for cattle care, milk society, Bulk Chilling Units, Chilling Centres, Milk transportation, mediating dairy units of the dairy during all these activities, the precaution and care to be taken and it is necessary that milk of good quality to be available to the customers be careful, also. In October 2013, our Navi Pardi Centre also been certified with ISO: 9001:2008 certificate. At present from January 2017, Navi Pardi Centre been certified with new standard ISO: 9001:2015.

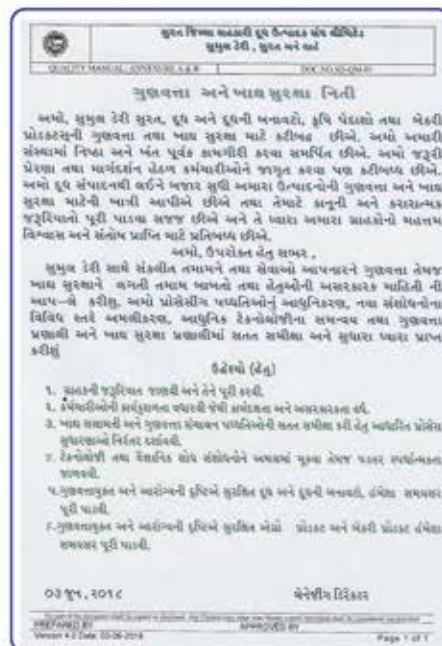
We could have done improvement in the quality of the milk step by step. At rural level 6 societies had received ISO 9001:2000 certificates in 2005. In April 2010, more 26 societies have received ISO: 9001:2008 certificates and at another 49 milk societies in April 2011 survey was conducted by the "Sai-Global, Australia" & all these 49 societies were got awarded ISO: 9001:2008 certificates. In the year 2013-14, more 50 societies were certified with ISO 9001:2008 under quality management system.

All the BCUs have been certified with new standard ISO: 9001: 2015 from March 2017, at present. In the year 2018-19, more 50 societies were awarded ISO: 9001: 2015 certificates under quality management system, now there are total 443 milk societies got awarded ISO: 9001: 2015 certificates in the year 2020-21. Another 80 societies to be certified with ISO: 9001: 2015 in the year 2021-22.

Sumul Dan Factory, Bajipura, got awarded ISO: 9001:2015 certificate by implementing Quality Management System, also.

Sumul Bakery & Icecream plant at Navipardi also awarded ISO: 9001:2015 certificates by implementing Quality Management System, also.





## 10(B) Food Safety Management System: (ISO 22000:2018) And FSSC:

In the year 2000, by obtaining Codex (HACCP 9000) certificate we became prepared with this design to maintain International Food Safety norms In 2006, Food Safety Act as similar to ISO Standard 22000, by implementing such certificate was received in November, 2008. Also, in March 2014, all the four Chilling Centers being certified with ISO: 22000:2005 food safety management. As per Food Safety Act and standard 2006, our responsibility will be up to “Grass to Glass”. To assure that milk doesn’t contain any harmful elements to health, Sumul dairy, Surat & Lahe Plant (Nasik), both together being certified with ISO: 22000:2005 In the year 2020, THR plant has been certified with ISO : 22000:2018 also.

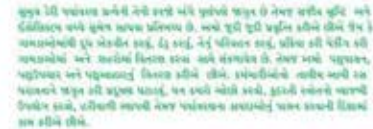
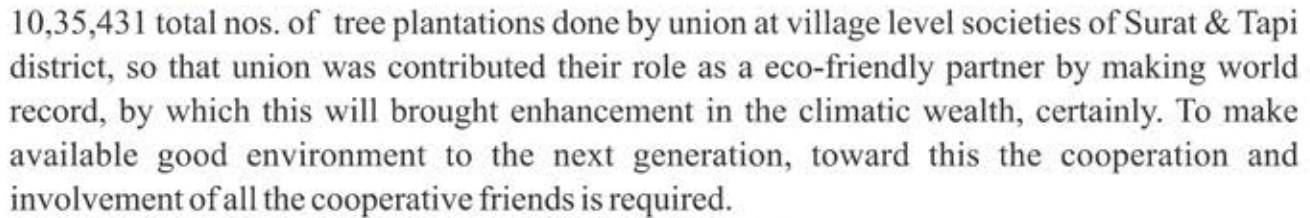
Sumul Dairy Surat, Sumul Dairy Navi Pardi (Bakery, Powder Plant & Icecream Plant) also got awarded ISO: 22000:2018 certificates by implementing Food Safety Management System. Sumul Dairy, Surat and Navi Pardi have been certified with FSSC 22000 international standards for export from 2019.

## 10(C) Environment Management Systems: (ISO 14001:2015):

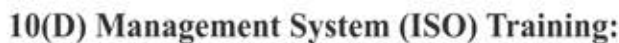
Our organization is aware regarding environment and committed to control pollution and protect environment. Since 2002, our organization certified with Environment Management System means ISO 14001:1996 has done modernization of the Environment Management System as per ISO 14001:2004 in May, 2006, further got renewed till 2014. In March 2014, as per ISO:14001:2004 re-evaluated and updated, at present, as per ISO:14001:2015 re-evaluated and got updated.

We have achieved notable targets regarding environment in every field. Natural resources like electricity & water were being used judiciously. We have obtained National Energy Conservation award 7 times for saving electricity & energy. In tree plantation aspects, 354 saplings of small and large trees plantation has been done. And, in the align with this





- ◆ પચાસને વગલ રાજાએનું જ્ઞાન હતું.
- ◆ જ્યેષ્ઠ, પત્ની અને ત્રણ કુટુંબ હતા.
- ◆ પત્ની, ઉંઝ અને બાળકોને પચાસ એકે રાજો.
- ◆ જ્યેષ્ઠના એકે રાજો અને પુત્રી પચાસ સી પચાસ વગલ પ્રકાશે રાજ.
- ◆ ત્રણ પચાસ કે ત્રણ વગલને સંપાદન (પેપર) નું સીકીત રાજ કેવી રાજ.
- ◆ તેનુ સીકીત રાજ અને સન રાજા રાજા રાજી સીકીત રાજી.
- ◆ સન પચાસ રાજ બન્યાંજી ઉઝી-ઝી રાજીએની પચાસ રાજો.
- ◆ પચાસને જ્ઞાન રાજ ન-દે બોલપાન અને સિંચાણને જ્ઞાન.
- ◆ રાજીએ સીકીત.



External training for food safety & quality management system got provided. In which, to 20 employees from plant, engineering, laboratory, marketing, purchase & HR got imparted training of internal auditor regarding ISO 22000:2018 standards through DNVGL and 20 employees were given training of internal auditors regarding new standards ISO:14001:2015 by GSCI. Fifty four (54) officers from Sumul Dairy were appointed as ISO internal auditors for ISO: 9001: 2015 & ISO: 22000: 2005 and 45 officers were appointed as internal auditor for ISO: 14001:2015 those who are being conducting audit at every 6 months interval.

It is necessary to give training to supervisors, the one supervisor should be at every 25 employees as per Food Safety and Standard Act, in this regard, 84 officers from Sumul Dairy and its all units were imparted training during 15 to 18 March 2021.

By the Surat District Cooperative Milk Producers' Union Ltd., Sumul Dairy Surat, the activities of milk procurement and milk distribution are increasing continuously; to accelerate milk processing and to introduce new products in the market and to increase handling capacity of the plant, milk/butter milk/products, by the use of machineries with well advanced technology, the expansion work in phase manners done in different departments. Details are in short as follows.

- Whey Utilization Project with automation made functional by installation at Sumul Dairy Surat. The whey, which comes out during Paneer and Maska production in Sweet department, the Butter milk is made by processing this whey.
- **“Fire Fighters Fire Hydrant System”** made functional by installation at Sumul Dairy Surat. In case of fire catches in any part of the plant, fire can be extinguished by using nearest Fire Hydrant Point immediately.
- Under Water Supply System at Sumul Dairy Surat, a water Softening Plant with a capacity of 50 cubic meter per hour has been ordered which will be operational soon.
- At Sumul Dairy Surat, the installation of Milk Pasteurizer with capacity of 5,000 liters per hour is in progress and will be operational soon.
- In Boiler section of Sumul Dairy Surat, RO Plant with a capacity of 10,000 liter per hour has been ordered which will be operational soon.
- At Sumul Dairy Surat, due to increase in sales of various dairy byproducts such as dahi, paneer, sweets, ghee etc. the construction has been started by ordering construction work of a new building at ground G3 floor for the storage required to keep stock its packing material.
- Tankers in / out road in Sumul-2 building has been renovated by fitting of blocks so that tankers movement will be easy.
- Renovation work has been completed in various laboratories of Sumul Dairy as per the requirement of ISO.
- At Navi Pardi of Sumul Dairy Union, on the demand of federation for the supply of table butter, the order is given to purchase of “Semon” France make continuous butter making machine and salt & colour dosing system. Benhil Company's world class machines for 100/500 gm Butter packing have also been ordered. The above machining and installation is expected to be completed in June and after that 100 and 500 gram table butter will also be provided to the Federation as per requirement.
- At Navi Pardi of Sumul Dairy Union, as per letter of federation and under the Government of India's P. L. I. Scheme-2, the order has been given of civil work and Machinery required to increase the capacity from 20,000 liters to 50,000 liters. Under which the production capacity of Icecream will increased and the Icecream can be provided to the Federation as per requirement.
- At Navi Pardi of Sumul Dairy Union, the work of effluent treatment plant with a capacity of 15 lakh liters is in full swing and it is expected to be completed by the end of June 2022.
- By the Sumul Dairy, Surat, under Tri-Party Agreement between Gujarat Government, Sumul Dairy & Federation to supply 20 tons of Fortified Wheat Flour daily to Gujarat Government, the machinery of Fortified Wheat Flour plant made operational at Sumul Food Factory, Chalthan. Distribution of "Satva Fortified Aata" at Anganwadeis has also been started as per the order of the government.
- The Maize crushing machinery from old cattle feed plant Sumul Dairy, Chalthan has been shifted to the cattle feed plant, Bajipura, installed and made operational. The union has also started selling maize bharda produced by this plant.
- At Navi Pardi of Sumul Dairy Union, the work has been started by giving orders for the work of new parlor, as parlor in on the Navi Pardi road, so the sale of Sumul products could be increased.





- ✳ At Navi Pardi of Sumul Dairy Union, the construction work of godown has been started for the storage of approximately 4000 metric tons of Butter / 3,000 metric tons of powder. Order of Related refrigeration machinery and puff panels has been given for Deep Fridge Refrigeration Utility. The Khaat Muhurt of that Building has been done virtually by the hands of the Co-operative Minister of India, Shri Amitabhai Shah Saheb on 13th March, 2022. As the construction work of this building and machinery installation is expected to be completed in November 2022, Sumul Dairy will get additional facility.
- ✳ At Uchchhal, Bajipura and Navi Pardi of Sumul Dairy Union, the renovation of staff quarters is about to complete. Renovation / repairing of staff quarters at Nizar Chilling Center to be started soon.

### **11.1 Future Projects :**

- ✳ Installation of Roof Top Solar Power System as per requirement ranging from 5 KW to 30 KW on societies affiliated with Sumul Dairy as well as setting up of ground mounted solar power plant at Sumul Dairy Surat, Navi Pardi Dairy, THR Plant Chalthan and Sumul Dan Factory Bajipura as per Solar Policy 2021, determined to move on to installation.
- ✳ At Navi Pardi of Sumul Dairy Union, as per letter of federation and under the Government of India's P. L. I. Scheme-2, to increase the capacity of Icecream Plant from 50,000 liters to 1 lakh liters per day, it has been decided to move ahead with the necessary building and machinery to do so. This expansion will double the turnover of the Icecream plant and increase the income of the members.
- ✳ At Navi Pardi of Sumul Dairy Union, as per letter of federation, proceedings will be taken to procure the necessary machinery to make the wafer cones, produced wafer cones will be used in our plant and additional wafer cones can be supplied to various unions as required by the federation.
- ✳ At Cattle Feed Plant Bajipura of Sumul Dairy Union, the construction a cattle feed godown is under consideration. Raw material storage capacity will be increased due to construction of this godown. And will be able to take advantage of fluctuations in prices seasonally.
- ✳ At Cattle Feed Plant Bajipura of Sumul Dairy Union, it is also planned to move ahead to the construction of parlor on the highway.

### **12. EXPRESSION OF GRATEFULNESS:**

Central Government and State Government have extended support for the development of our union, milk societies and milk producers. In response of that, we are very grateful to the Prime Minister, the Chief Minister, the Dy. Chief Minister and all the government officials. We are thankful to the Chairman, the Managing Director of federation and The Chairmen, Managing Directors and General Managers of member unions who provided their guidance, support and cooperation time to time.

We have been receiving guidance from the Chairman & Managing Director, National Dairy Development Board as and when required for which we are indebted and grateful to him. State Government and its various departments, especially Animal Husbandry, Co-operative department, District Registrar, Surat, Tribal Sub-Plan, Mandvi, Songadh, Surat & Tapi Jilla Panchayat, Taluka Panchayat has extended their co-operation for which we are thankful to

them.

We have taken note that cooperation extended from the District Registrar, special auditor (milk), milk audit office, Surat, Chartered Accountant Modh & Co., officers from Surat District Cooperative Bank, & other cooperative banks, nationalized Banks, Surat Municipal Corporation, Torrent Power Ltd; Gujarat Gas Co. and Mahidharpura Police station.

We are admire with proud to notice that our valued customers, milk distribution agents, transport contractors, businessmen extended their cooperation too.

We are thankful to Management of Milk Cooperative Societies, of their staff and members for their constant cooperation in operations and in various extension programs implementation.

At last, there has been significant cooperation made available time to time of our fellow committee members of the union for that we are thankful. The satisfactory contribution of the I/C Managing Director Shri Arun H. Purohit, officers and staff members of the union in operation and progress of the organization. With pride, we take note of their contribution and heartily thankful of them for their contribution,

Surat

Yours Cooperative  
Mansinghbhai Kalyanjibhai Patel  
Chairman





## INDEPENDENT AUDITOR'S REPORT

To, The Members of Surat District Co-operative Milk Producer's Union Ltd.

### Report of Financial Statements

We have audited the financial statements of Surat District Co-operative Milk Producers' Union Limited, Surat which comprise the Balance Sheet as on 31<sup>st</sup> March 2022, Profit and Loss Account and Cash Flow Statement for the year ended 31<sup>st</sup> March 2022, and a summary of significant accounting policies and other explanatory information.

### Management's Responsibility For The Financial Statements

Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position, financial performance and cash flows of the Union in accordance with the Accounting Standards issued by Institute of Chartered Accountants of India (ICAI). This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

### Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement. An audit involves examining on a test basis, performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal controls relevant to the Union's preparation and fair presentation of the evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by management. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimated made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

### Report On Other Legal And Regulatory Requirements

- (a) We have obtained all the information and explanation which to the best of our knowledge and belief were necessary for the purpose of our audit.
- (b) In our opinion proper books of account as required by law have been kept by the Union so far as appears from our examination of those books.
- (c) The Balance Sheet, Profit and Loss Account and Cash Flow Statement dealt with by this Report are in agreement with the books of account.
- (d) In our opinion, the Balance Sheet, Profit and Loss Account and Cash Flow Statement comply with the Accounting Standards issued by the Institute of Chartered Accountants of India (ICAI).

### Opinion

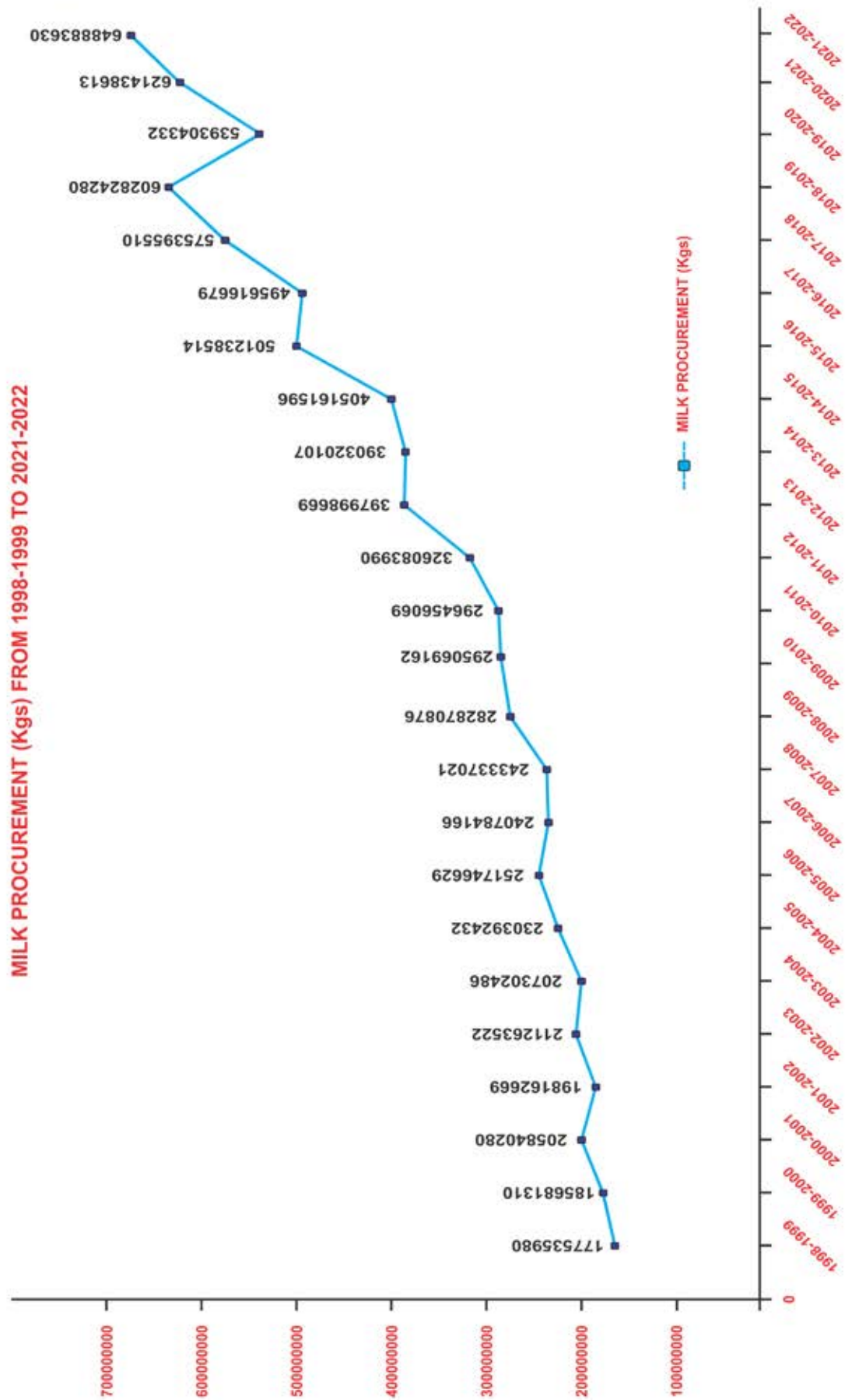
In our opinion and to the best of our information and according to the explanations given to us, the financial statements give the information as required, so give a true and fair view in conformity with the accounting principles generally accepted in India Subject to "Notes to Accounts" and "Qualification" appearing in Scheduled D.

- (a) In the case of the Balance Sheet, of the state of affairs of the Union as at 31<sup>st</sup> March 2022.
- (b) In the case of Profit and Loss Account, of the profit of the Union for the year ended on that date.

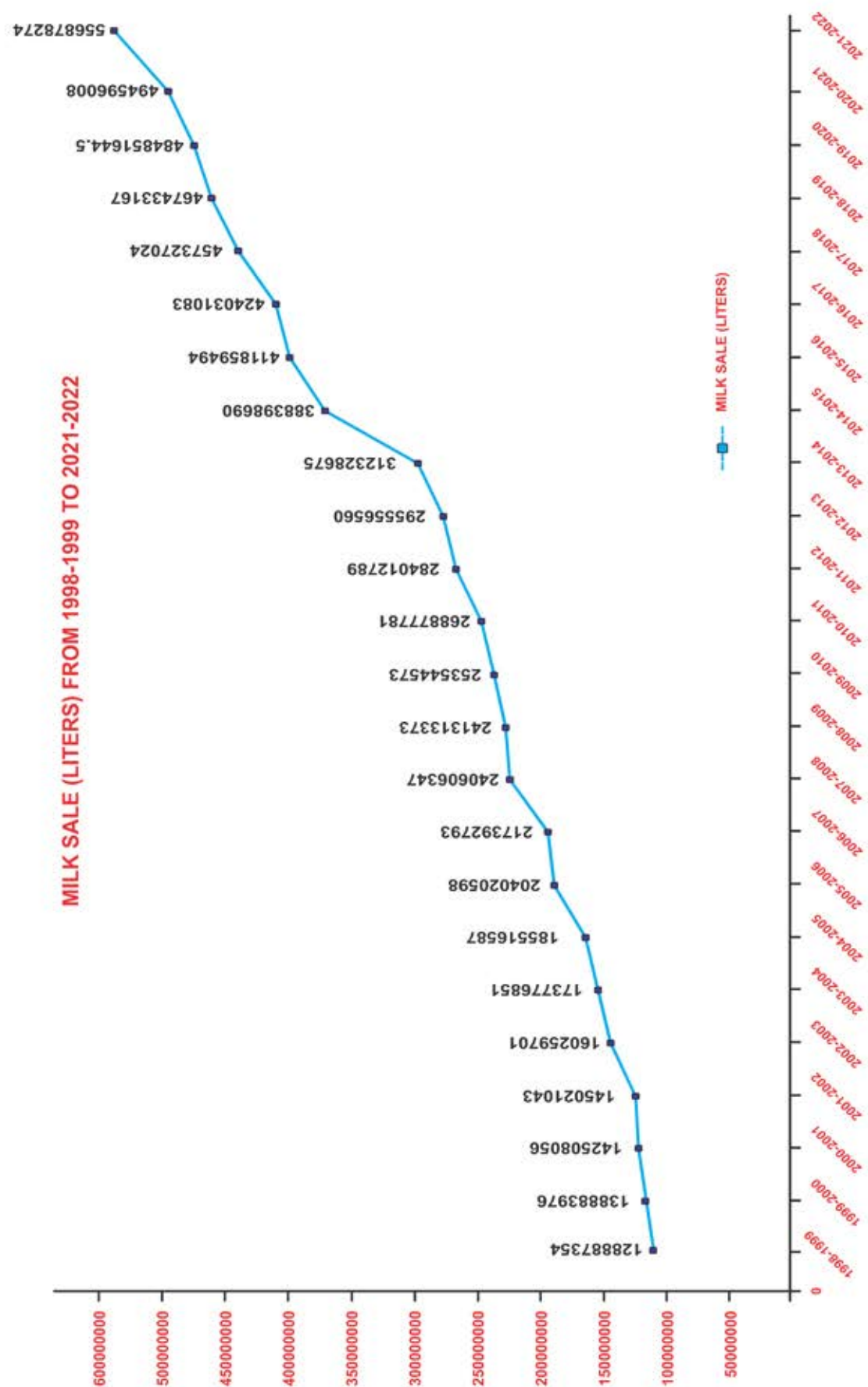
### Modh And Co., (Chartered Accountants)

C. A. Kunjal Modh –Proprietor  
Firm Reg. No. 129480W,  
Membership No. 129714, Penal No. 240, Surat  
Certified Auditors (Co-operative Societies)  
UDIN:22129714AISNEM7510  
Date : 10/05/2022, Place : Surat

**Shri D. M. Patel**  
Shri Special Auditor (Milk),  
Milk Audit office, Surat

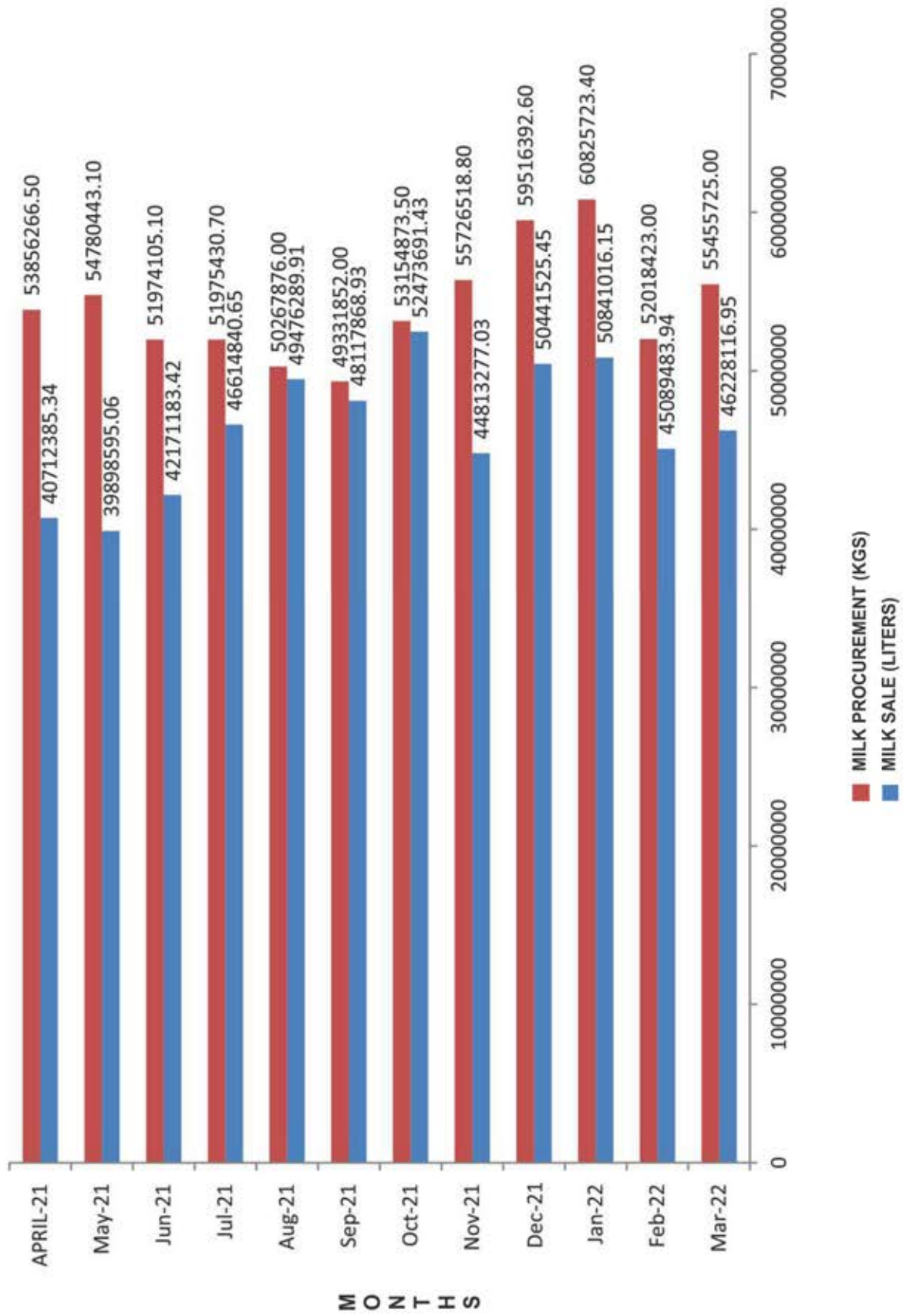






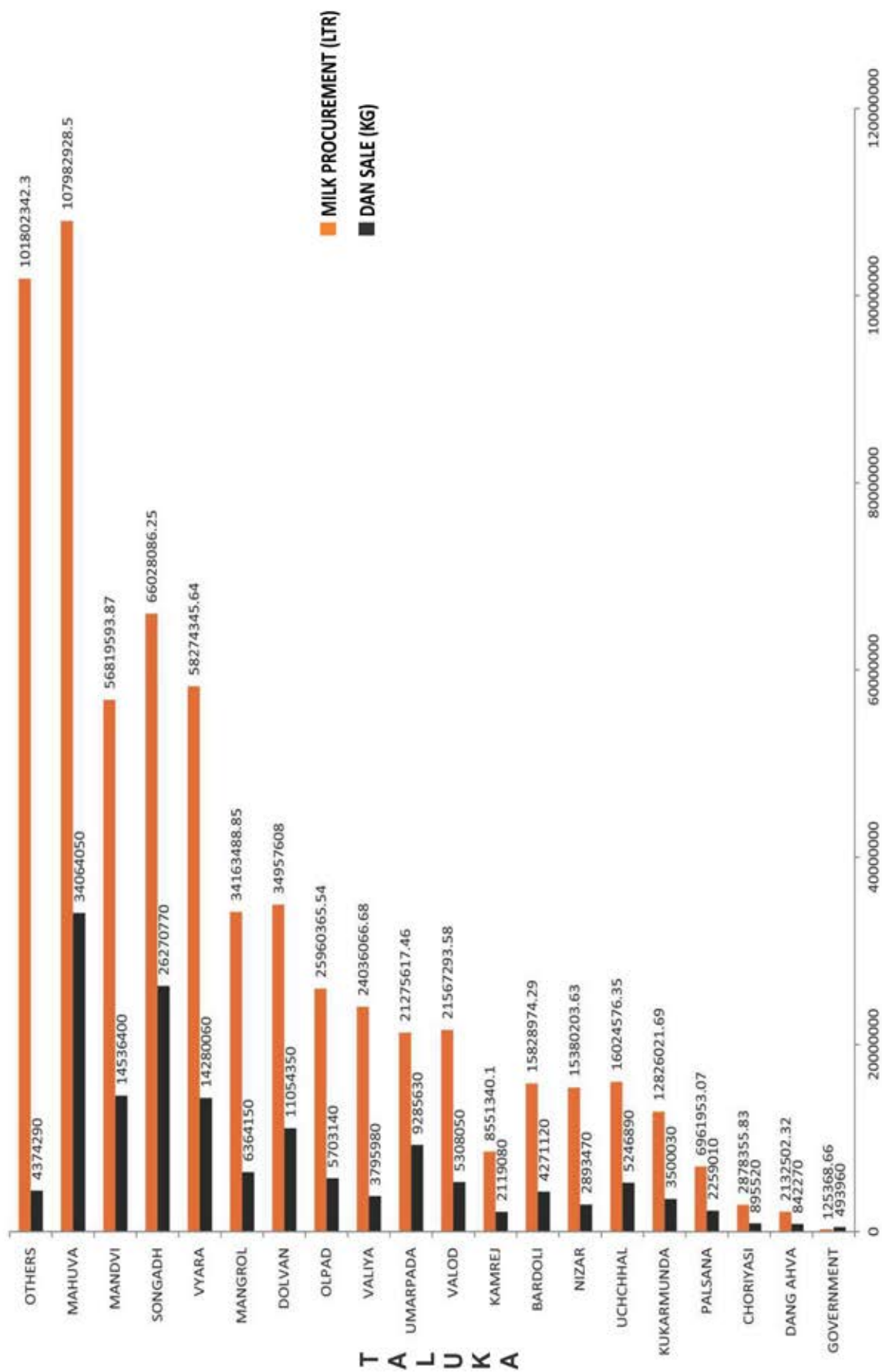


### MILK PROCUREMENT (KGS) V/S. MILK SALE (LITERS) (2021-2022)





# TALUKA WISE MILK PROC. (LITERS) V/S. CATTLE FEED SALE (KGS.) (2021-2022)



By the Sumul Dairy, the Pilot Project of “Embryo Transfer Technology” has been inaugurated at Vansakui and Bhanawadi Farm on 27.12.2021 by the Chairman Shri Mansinghbhai K Patel in the presence of the Board Members.





At Animal Breeding Farm Vanskui, Gir Heifer has given birth to a calf at the age of 26 months on 07.02.2022 and started milk production.

