

# SABAR DAIRY SUSTAINABILITY REPORT 2024-2025



# Board of Directors



Shri Shamalbhai Patel  
Chairman



Shri Raturajbhai Patel  
Vice - Chairman



Shri Jayantibhai Patel  
Director



Shri Kantibhai Patel  
Director



Shri Bhogilal Patel  
Director



Shri Vipulbhai Patel  
Director



Shri Jethabhai Patel  
Director



Shri Jashubhai Patel  
Director



Shri Manibhai Patel  
Director



Shri Ramabhai Patel  
Director



Shri Subhashbhai Patel  
Director



Shri Sachinkumar Patel  
Director



Shri Ashokbhai Patel  
Director



Shri Shamalbhai Patel  
Director



Shri Kantibhai Patel  
Director



Shri Ketanbhai Patel  
Director



Shri M.C. Shah  
NDDB Nominee



Shri Jayen Mchta, MD  
GCMMF Rep



Shri M R Trivedi  
I/C District Registrar



Shri Subhashchandra Patel  
Managing Director

# FROM CHAIRMAN'S DESK :



At Sabar Dairy, we believe that growth must go hand in hand

Our journey, rooted in the cooperative movement, has always been guided by the principles of inclusivity, transparency, and care for our environment and community. As we move forward, sustainability is not just a choice—it is our collective duty.

Our commitment extends beyond operations. It lives in the way we support our farmers, empower our employees, and serve our consumers. Every effort we take today is a step toward a better tomorrow—for our children, for our villages, and for the planet. As we celebrate the International Year of Cooperatives, I extend my heartfelt gratitude to all members, staff, and partners of Sabar Dairy. Let us continue to lead by example and carry forward this legacy with sincerity, innovation, and unity.

Together, we create not just dairy products—but trust, livelihoods, and a sustainable future.

**Shri Shamalbhai B. Patel**  
Chairman, Sabar Dairy



## FROM MANAGING DIRECTOR'S DESK

It is with immense pride and a deep sense of responsibility that I present this Sustainability Report of Sabar Dairy. This report is not just a reflection of our efforts—it is a mirror of our principles, our people, and our progress.

At Sabar Dairy, we have always believed in a development model that is inclusive, ethical, and forward-looking. Guided by the spirit of cooperation, we continue to integrate sustainability into every facet of our operations—from the farm to the factory, and from our people to our products.

This year has been one of learning, innovation, and transformation. We have deepened our focus on environmental stewardship, expanded our commitment to employee development, and ensured that our farmer members remain at the heart of every decision we make.

As we move forward, we remain committed to creating long-term value for our stakeholders while preserving the social and ecological balance around us. Our goals are not only to grow but to grow responsibly—with care for our planet and compassion for the people we serve.

I extend my sincere gratitude to our Board, employees, farmers, and partners for being a part of this shared journey. Together, we will continue to build a better, more sustainable future.

**Shri Subhashchandra Patel**  
Managing Director, Sabar Dairy



# A. Introduction

01 Sabar Dairy Overview & journey

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02 Amul Model

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03 Organization Profile

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04 Sustainability Highlights of 2024-25

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05 Vision 2030

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# Brief History

- Inspiration from Success of 'AMUL'
- Visionary leaders Late Bhurabhai Patel , Shree Gopalbhai and Ambubhai patel
- Establishment : 27<sup>th</sup> November 1964
- Started with milk collection from 19 VDCA with milk collection of 5100 liters Per Day & Supplied to Municipal Dairy, Ahmedabad in 1965
- Municipal Dairy : consumer oriented so couldn't accept milk in flush season resulted in to rotational stoppages of milk collection (Milk holidays)
- Inadequate financial resources : Union couldn't expand its activities (First 7 year)
- Acquired about 40 acres of land
- Year 1971: Operation Flood I program- First dairy project was sanctioned- 1.5 LKPD -2.52 Cr from Indian Dairy Corporation through Govt Of Gujarat and foundation stone laid by Dr. V Kurien Chairman NDDB & IDC



ડેવિડા અધ્યક્ષશ્રી ભુરાભાઈ પટેલ, ડૉ. વી. કુરીયન સાથે મંત્રણાઓમાં.

# Sabar Dairy Overview

## Established in 1964

Sabar Dairy, officially known as the **Sabarkantha District Co-operative Milk Producers' Union Ltd,** is a farmer-owned dairy cooperative based in Himmatnagar, Gujarat.

## Ownership

**1780** member co-operative societies

Own by **more than 3.8 Lakh** farmers of Sabarkantha & Arvalli district

## Under “AMUL” Brand

Milk, Buttermilk, Butter, Dahi, Paneer, Cheese, Ghee, ASP, Khoa, Amulya, SMP, Shrikhand, Bakery, UHT milk, Sweets, Ice Cream, Yoghurt, Organic Sugar, Organic Bajra Flour

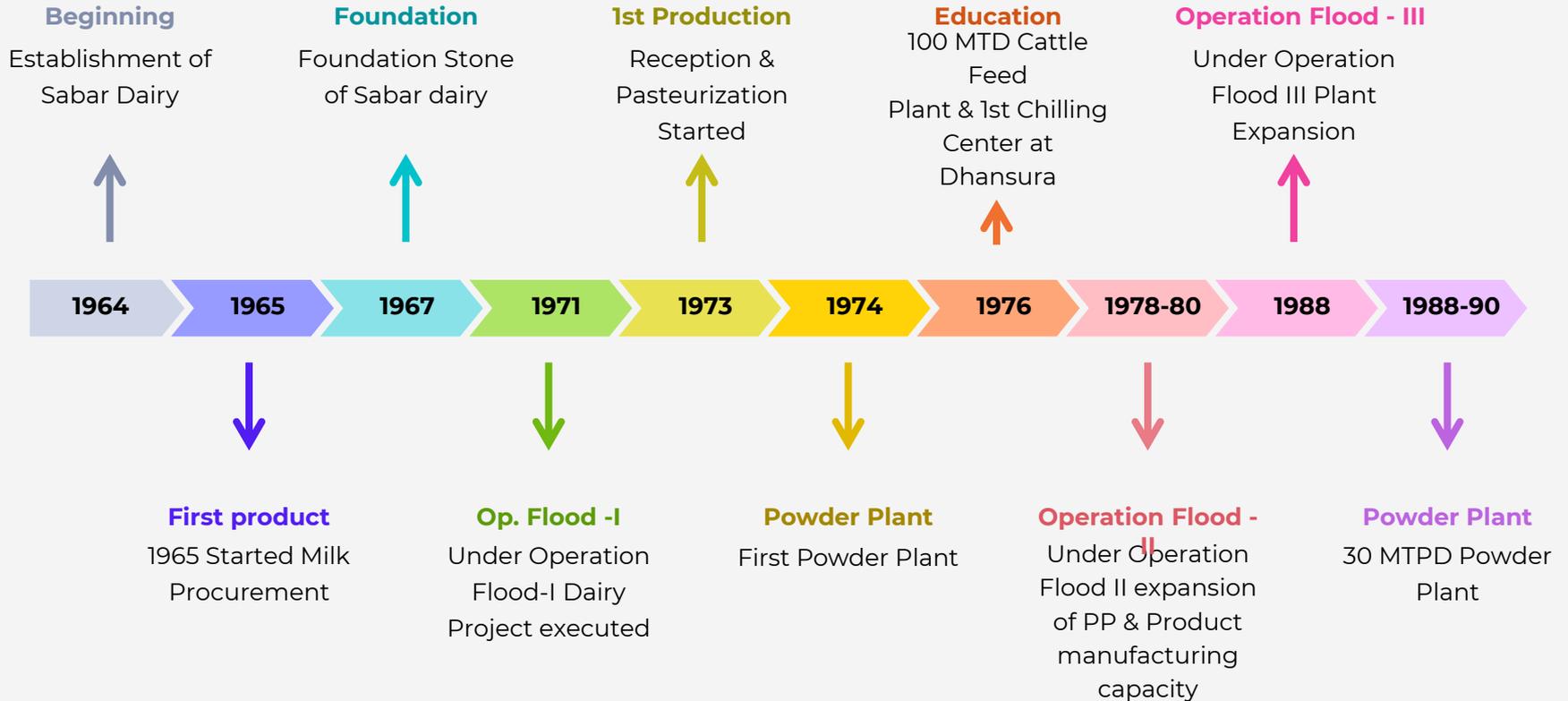
## Under “SABAR” Brand

Lassi, Honey, Namkeen, Groundnut Oil, Spices

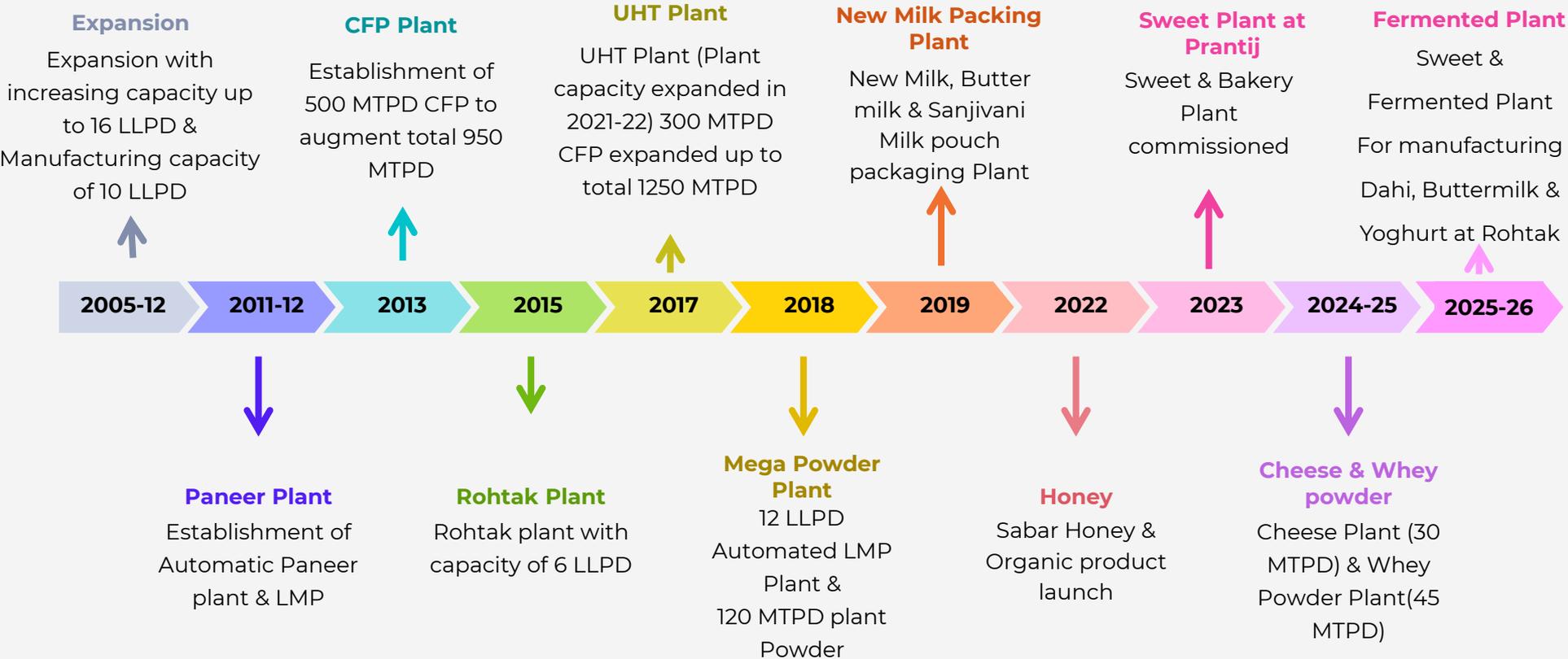
## Operation in 10 State (Outside Gujarat)

Rajasthan  
Maharashtra  
Haryana  
Punjab  
Madhya Pradesh  
Telangana  
Andhra Pradesh  
Odisha  
Bihar  
Uttar Pradesh

# Timeline- First 3 Decades



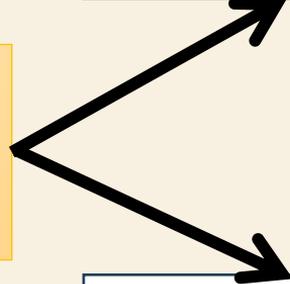
# Timeline- Last 2 Decades





OF the Farmer  
By the Farmer  
For the Farmer

We are a part of 'Amul-  
Three-Tier' structure



An organization  
registered under  
Gujarat Cooperative  
Society Act 1961



# Demography

Details		SABARKANTHA	ARVALLI
No of Village		692	672
No of Taluka		8	6
Human Population	Male	720128	524103
	Female	684737	499621
	Rural	1167707	897162
	Urban	237158	126563
	SC %	9.02	5.95
	ST %	23.59	20.59
Buffalo (lakh)		4.02	3.70
Crossbred (lakh)		2.79	2.69
Indigenous Cattle (lakh)		1.12	0.80
Total cattle		7.93	7.19



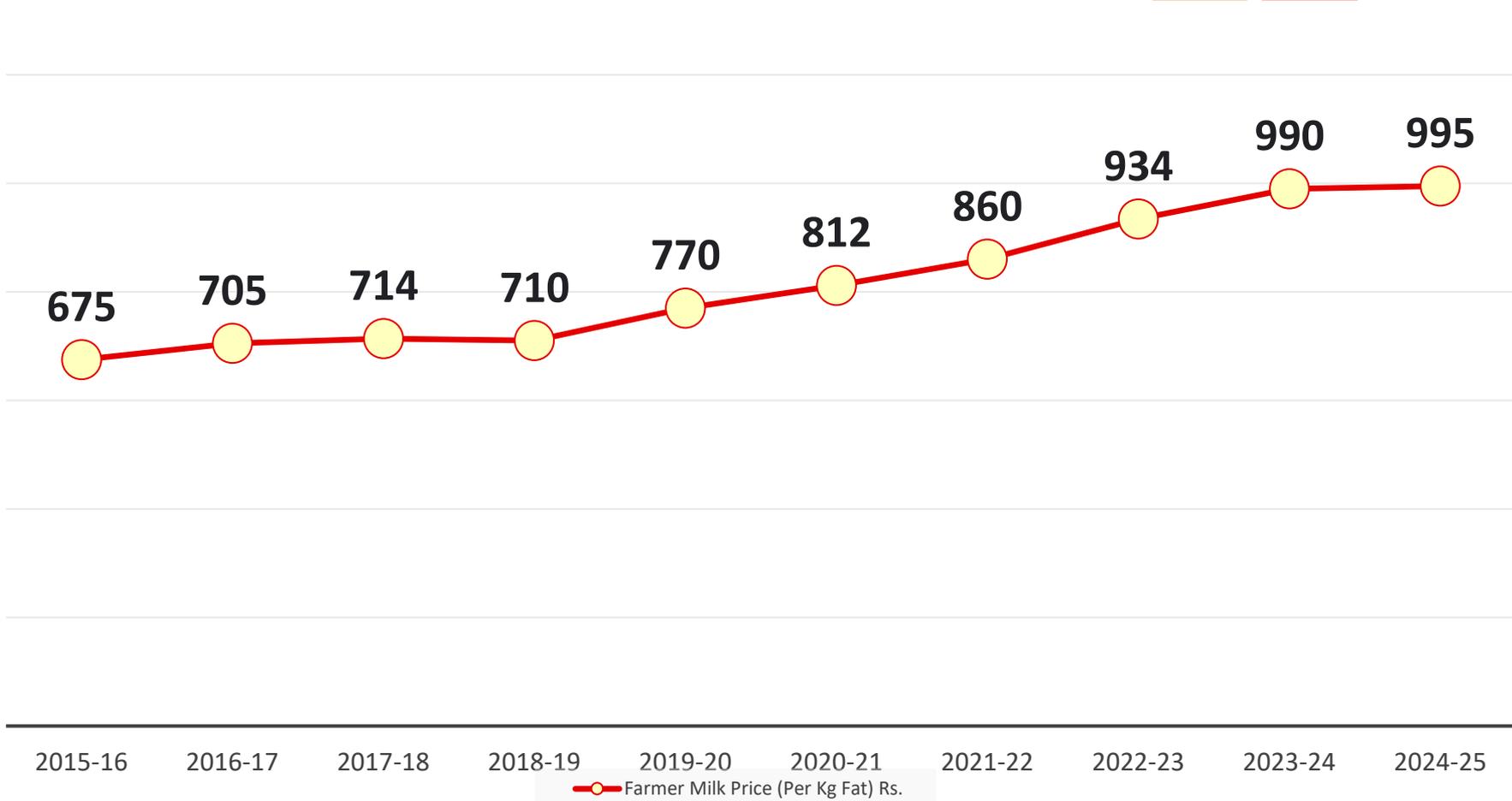
\*Based on last census data

# Organization Profile

<b>Sr.No.</b>	<b>Parameter</b>	<b>Details as on 31st March,2025</b>
<b>1</b>	<b>Operational Area of EIA (Name of Districts covered)</b>	<b>Sabarkantha &amp; Arvalli</b>
<b>2</b>	<b>Villages in the operational area of EIA (No.)</b>	<b>1364</b>
<b>3</b>	<b>Organized Society (No.) including proposed society</b>	<b>2007</b>
<b>4</b>	<b>Registered Society(No.)</b>	<b>1888</b>
<b>5</b>	<b>Functional Society (No.) including proposed society</b>	<b>1747</b>
<b>6</b>	<b>Functional women Society (No.) including proposed society</b>	<b>240</b>
<b>7</b>	<b>Member Society (No.)</b>	<b>1048</b>
<b>8</b>	<b>Total Milk Producer Members (No.)</b>	<b>385412</b>
<b>9</b>	<b>Total Women Producer Members (No.)</b>	<b>123309</b>
<b>10</b>	<b>Society having Bulk Milk Coolers (BMCs) (No.)</b>	<b>1270 (1311 unit)</b>
<b>11</b>	<b>Chilling Centers (No.)</b>	<b>2</b>
<b>12</b>	<b>Total Capacity of Chilling Centers (TLPD)</b>	<b>300</b>
<b>13</b>	<b>Current Milk Procurement (TKgPD)</b>	<b>3500</b>
<b>14</b>	<b>Peak Milk Procurement (TKgPD) including outside Gujarat</b>	<b>5552</b>

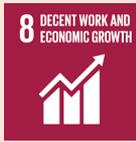


# Farmer Milk Price (Per Kg Fat)

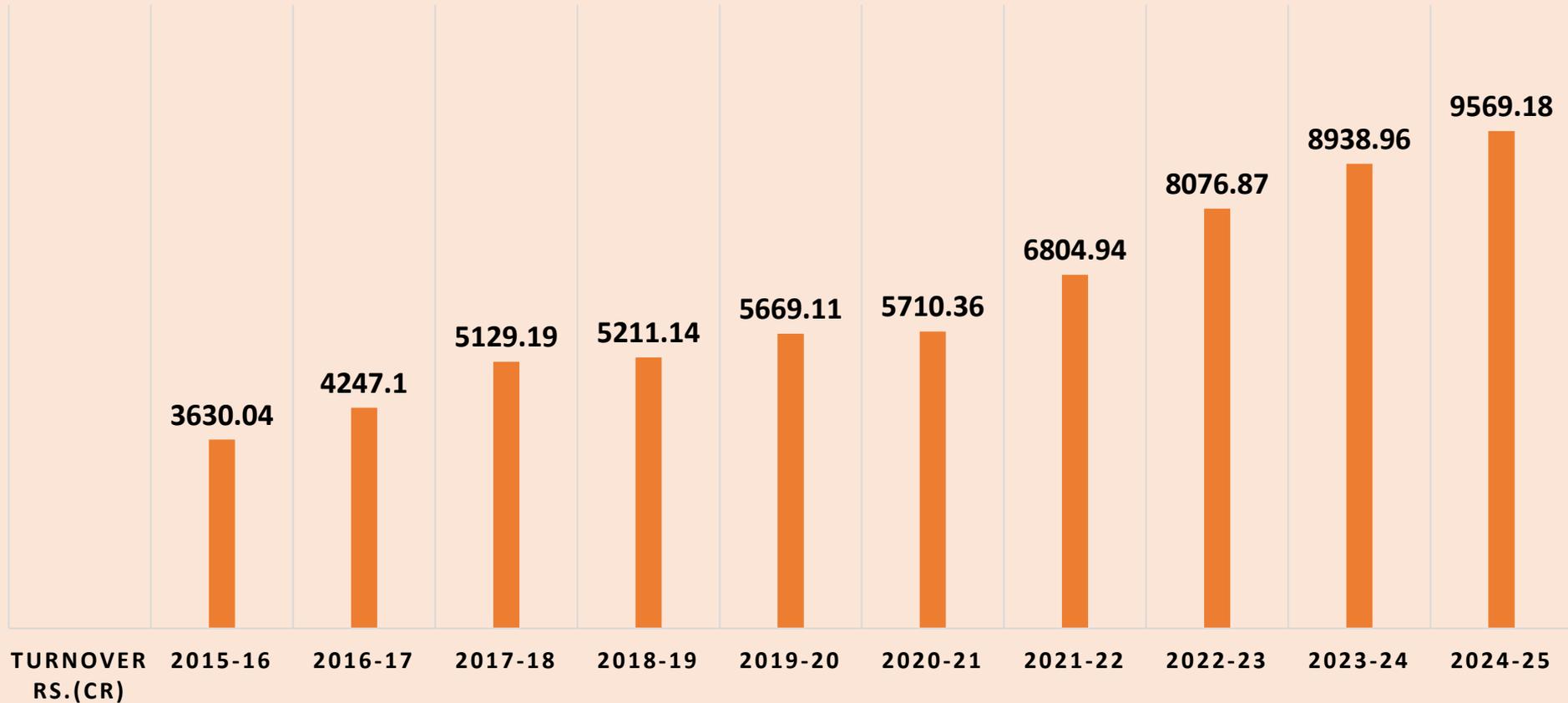


Farmer Milk Price (Per Kg Fat) Rs.

# Union Progress Turnover Rs.(Cr)



TURNOVER RS.(CR)



# Plant Capacity

2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



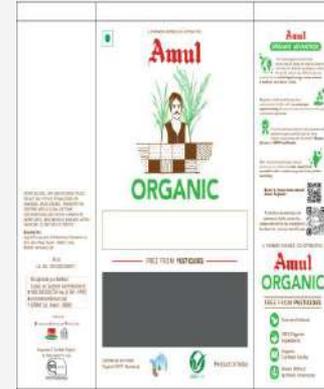
Milk Processing Capacity		40 LKGPD
Sr.N	Dairy Product	Production Capacity
1	TABLE BUTTER	100 MTPD
2	WHITE BUTTER	
3	Milk Powder	170 MTPD
4	WHEY POWDER PLANT	45 MTPD
5	GHEE	35 MTPD
6	PANEER	14 MTPD
7	AMUL MASTI DAHI	60 MTPD
8	AMUL Std. Pasturized MILK	3LLPD
9	AMUL BUTTER MILK	3LLPD
10	KHOA	1 MTPD
11	SHRIKHAND	16 MTPD
12	KHEER	4 MTPD
13	SOUR CREAM	0.5 MTPD
14	UHT	3 LLPD
15	CHEESE	30 MTPD
16	ICE-CREAM	100 MTPD
17	Yogurt	10 MTPD



# Plant Capacity

## Non-Dairy Products

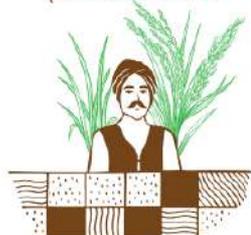
- |   |                      |
|---|----------------------|
| 1 | Bakery               |
| 2 | Sweet                |
| 3 | Organic Sugar        |
| 4 | Organic Bajara Flour |
| 5 | Honey                |
| 6 | Namkeen              |
| 7 | Groundnut Oil        |



# NEW PRODUCT INTRODUCED



A FARMER-OWNED CO-OPERATIVE

**ORGANIC**

**BAJRA FLOUR**

FREE FROM PESTICIDES



Certified as per Indian Organic NPOP Standards




STORE IN COOL, DRY AND HYGIENIC PLACE. DO NOT BUY IF PACK FOUND OPEN OR DAMAGED. ONCE OPENED, TRANSFER THE CONTENT INTO A CLEAN, AIR TIGHT CONTAINER AND USE WITHIN A MONTH OR EXPIRY DATE, WHICHEVER IS EARLIER. AFTER EACH USE, CLOSE THE LID TIGHTLY.

Marketed by:  
Bajara Co-operative Milk Marketing Federation Ltd., Amul Dairy Road, Anand - 388001, India.  
Website: www.amul.com

ISSF  
Lic. No. 10012021000071

We appreciate your feedback  
Contact our Customer Care Executive at  
☎ 1800 258 3333 (Toll-free) (8 AM - 9 PM)  
✉ customercare@amul.coop  
#GCMVF Ltd., Anand - 388001

Follow us on  
 Amul India |  @amul\_india |  amul\_india

Inspected & Certified Organic by SGS India Pvt. Ltd.  
 NPOP/INAE/009

**Amul**

**ORGANIC ADVANTAGE**

The food we grow and the food we eat should always be chemical-free and nutrient-rich. At Amul, we believe in doing things the natural way. Which is why we introduced the **Amul Organic** range, a step towards a healthier and cleaner world.

Keeping in mind the well-being of our customers and mother earth, we encourage **organic farming**. No source harvest from farmers who grow crops without pesticides.

This chemical free produce is then processed and packed in organic certified facilities. Amul Organic range comes with the brand's 75 years of trust and NPOP certification.

After revolutionizing the dairy industry, we are now on a mission to make **organic food** accessible to all and make every meal of every Indian nourishing.

Scan to know more about Amul Organic.



To identify manufacturing unit address & FSSAI License No., please see the first two characters of the Dash No and scan the QR code



A FARMER-OWNED CO-OPERATIVE,

**Amul**

**ORGANIC**

FREE FROM PESTICIDES

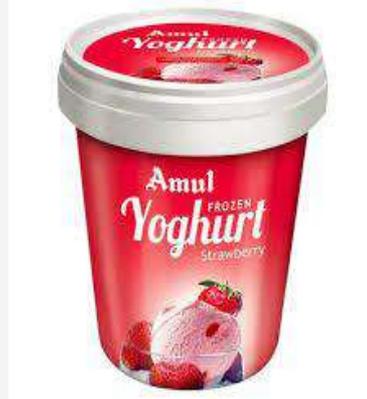
-  Pure and Natural
-  100% Organic Ingredients
-  Organic Certified Facility
-  Grown Without Synthetic Chemicals



**Amul Organic Bajra Flour**

**Amul Organic sugar**

# New Production Plant at Rohtak



# New Cheese Plant & Whey Powder Plant



Amul Cheese Slice



Amul Cheese Cube

# New Bakery Plant at Pranitij



# Certification

- FSSAI –Food Safety and standard Authority of India**
- ISO 9001:2015 –Quality Management System**
- ISO 22000:2018 –Food Safety Management System**
- ISO 14001:2015 –Environmental Management System**
- ISO 45001:2018 –Occupational Health & Safety Management System**
- ISO 50001:2018 – Energy Management System**
- FSSC 22000 Ver 6.0-FOOD SAFETY SYSTEM**
- Export Inspection Agency**
- BIS-Bureau of Indian Standards**
- Agmark Standards**
- NPOP certification For Organic Products**
- Halal Certification**
- All VDCS are certified with ISO 9001:2015 –Quality Management System**

# Awards

**National Productivity Council Award**

**National Safety Council Award**

**Gujarat Safety Council Award**

**NDDDB Dairy Excellence Award 2015**

**NDDDB Dairy Innovation Award 2018**

# PART : B



## **Sustainability Model of Sabar Dairy (2024–25)**

*Rooted in Cooperation*

*Powered by Progress*

*Guided by Sustainability*



## Environmental Sustainability:

-  1. Water Conservation and Reuse
-  2. Energy Efficiency Gains
-  3. Sustainable Production Growth

## Social and Farmer Welfare:

-  4. Human Capital Investment
-  5. Employee Welfare & Insurance

## Econoical Viability & Innovation

-  6. Milk Procurement Trends
-  7. Operational Scale Consistency



# 1. Water Conservation and Reuse



Sabar Dairy has adopted a multi-pronged water reuse strategy, achieving a **total daily saving of ~1,430 KL** of groundwater. Below are the key initiatives:

No	Initiative	Description	Groundwater Saved (KL/day)	Remarks
1	ETP RO Treated Water Reuse	Reuse of tertiary RO-treated ETP water for boiler & cooling tower	1000	No contact with food processing
2	UHT RO Reject Water Reuse	RO reject water used in canteen dishwashing & toilet flushing	100	Gravity-fed storage & reuse
3	Defrost + Seal Cooling Reuse	AHU defrost + seal cooling water reused for crate & MPGS washing	150	Smart tank-level pump-based reuse
4	Homogeniser Cooling Reuse – UHT	RO water reuse after cooling via PHE system	70	Respects <30°C condition
5	Homogeniser Cooling Reuse – Powder Plant	Hot RO water reused by mixing in WTP	50	Indirect reuse
6	Domestic RO Reject Use	RO reject used in engineering store toilets	10	Plumbing retrofits done
7	Rainwater Harvesting	Rooftop rainwater directed to RO feed tank	50 KL/year	



UHT RO Reject Water Reuse



ETP RO Treated Water Reuse



Defrost + Seal Cooling Reuse



Homogeniser Cooling Reuse – UHT & Powder plant



Domestic RO Reject Use



Rainwater Harvesting

# Towards Sustainability

Bio Gas	3000-3500 Cubic Meter Gas generated from effluent treatment plants and utilised in Boiler section
Recharge Well	9 recharge well
Solar Power Generation	<ul style="list-style-type: none"><li>• At Himmatnagar - 2.5 MW solar plant Generating 10,000 unit per day</li><li>• At Rohtak – 500 kwh Solar Plant</li></ul>





## 2. Energy Efficiency Gains

### Automated Operation :

*Scada Base operation for energy & utility saving  
ERP\_SAP system so reduces paper consumption*

*Maximizing Output | Minimizing Input |*

*Driving Sustainable Utility Use*

# Steam Generation Efficiency



Steam generation by agri waste based bio fuel. Not using fossil fuel is used.

Sabar Dairy's continued focus on optimizing energy use has led to **notable efficiency improvements** across both **steam and electrical energy systems** in 2024–25, compared to previous years.

Year	Steam Generated (MT)	% Growth
2023–24	208,370.15	—
2024–25	223,140.22	+7.1%

Despite **only marginal increases** in fuel use, steam output improved significantly:

- **Natural Gas Consumption** increased by 13.55% (from 5.60 to 6.36 million SCM)
- **Briquette Fuel Consumption** increased only 0.63% (from 42.47 to 42.76 million kg)

## Interpretation:

- Higher output with nearly stable fuel input reflects **optimized boiler operations**, better fuel-air ratios, and possibly reduced downtime.
- Transitioning load from fossil fuels to **higher steam yield per unit** energy.

## Electricity Usage Trends

Electricity consumption data (from main plant and chilling centers: Sabar, Bayad, Shamlaji) shows increased **solar integration** and improved **specific energy metrics**.

Year	Electricity Used (kWh)	Milk Processed (litres)	Specific Consumption (kWh/1,000L)
2023–24	1,150,000*	32,000,000*	35.9
2024–25	1,100,000*	34,000,000*	32.4

### Specific Electricity Consumption ( Per 1,000 litres of milk processed):

\*Note: Rounded values used here. Actuals from your Excel file will be inserted in the final report/chart.

 **Result:** 10% drop in specific electricity usage, achieved via:

- Increased **solar generation** at all sites
- Better **load scheduling, motor efficiency, and process streamlining**



# Solar vs Grid Power Strategy

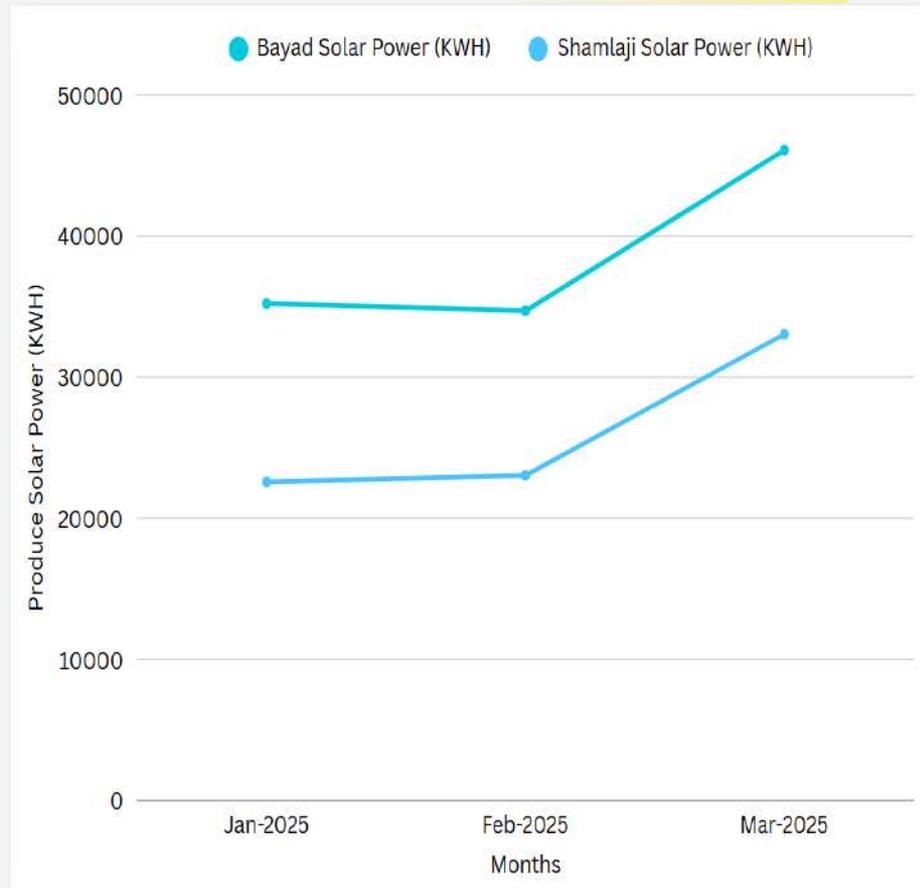
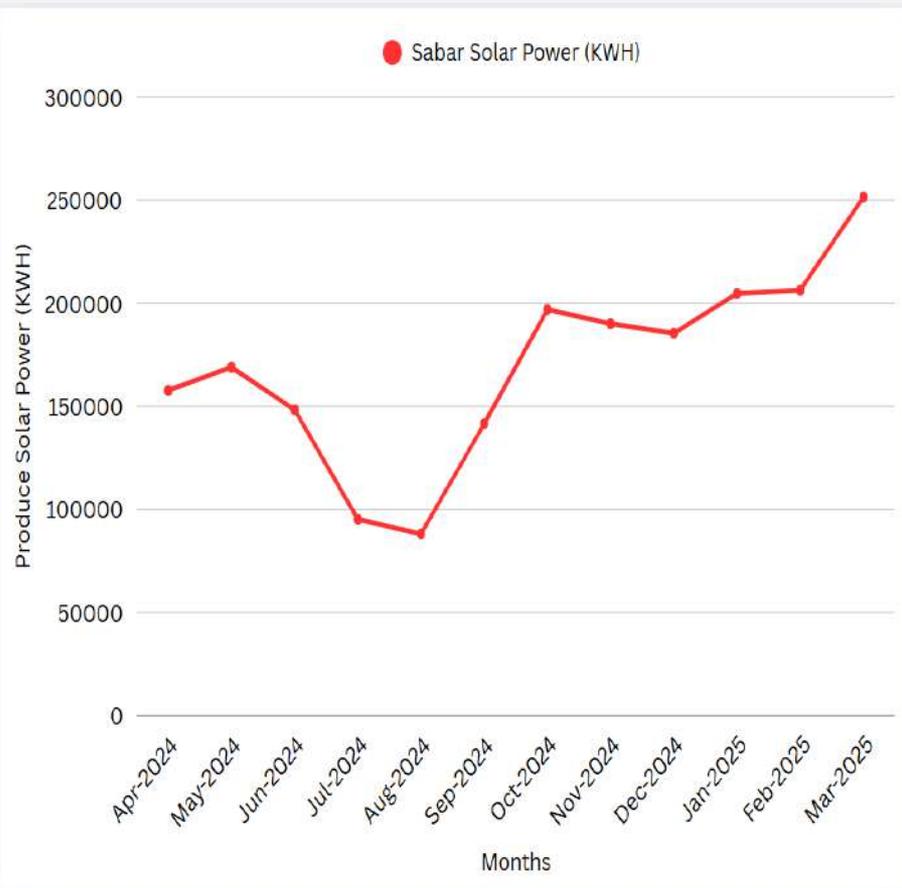
Adopted **distributed solar systems** at:

- Sabar Main Plant
- Bayad Chilling Center
- Shamlaji Chilling Center

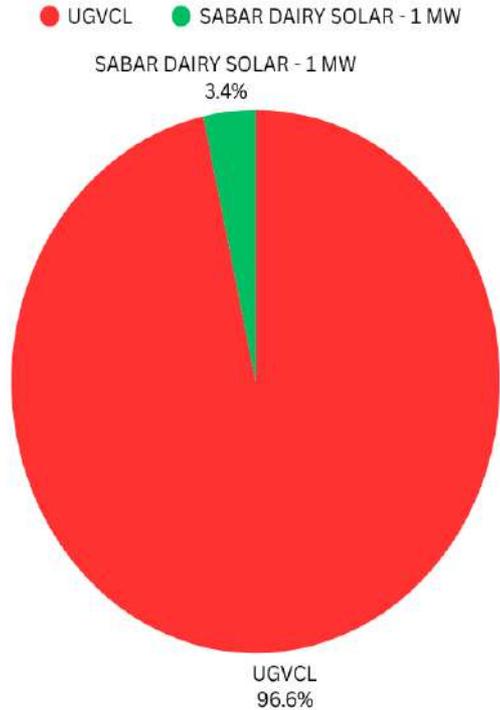
This has resulted in:

- Greater **grid independence**
- Reduced **GHG emissions**
- Smoother handling of **peak loads**





# Sabar Main Plant - 1 MW SOLAR PLANT

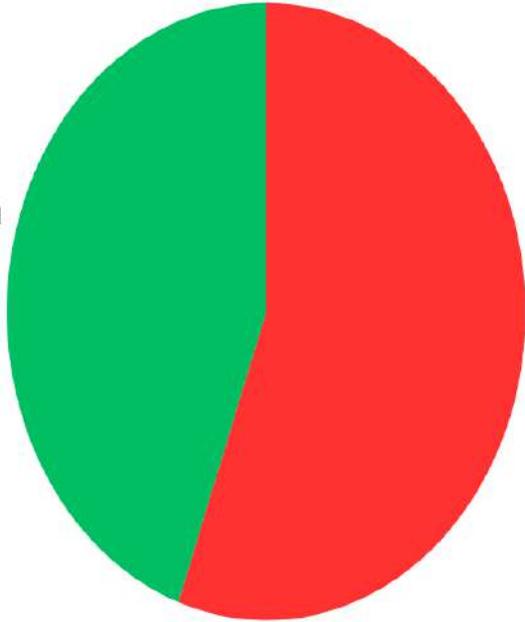


PER DAY SOLAR POWER GENERATION : **5575**  
KWH

# Bayad CC - 300 KWH SOLAR PLANT

● UGVCL ● BAYAD SOLAR - 300 KWH

BAYAD SOLAR - 300 KWH  
44.5%

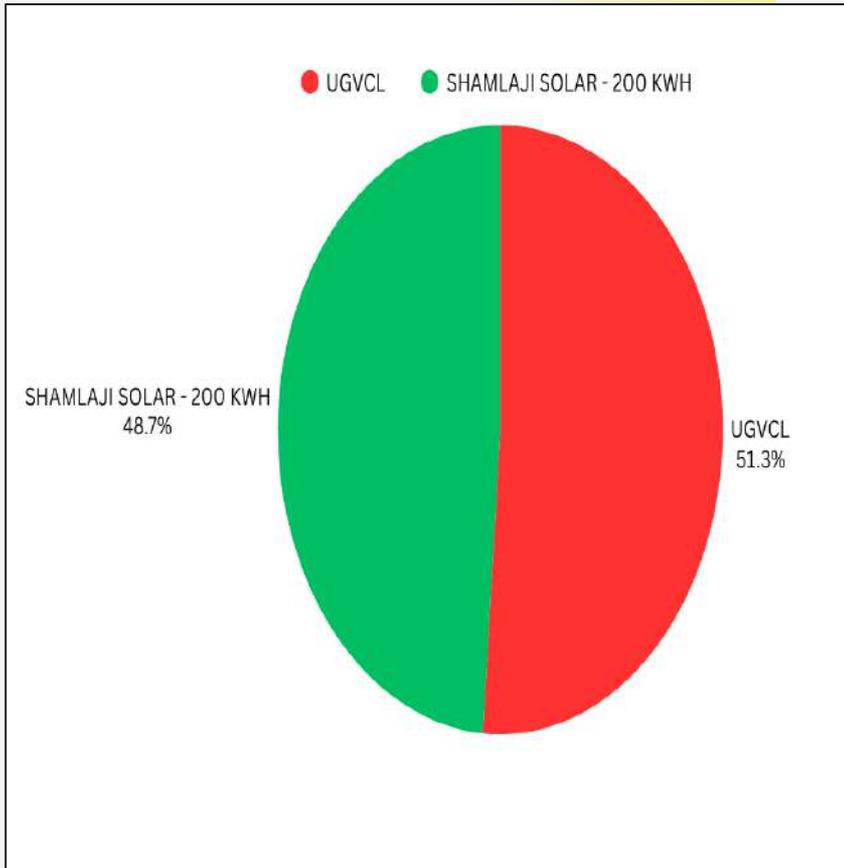


UGVCL  
55.5%



PER DAY SOLAR POWER GENERATION : 1289  
KWH

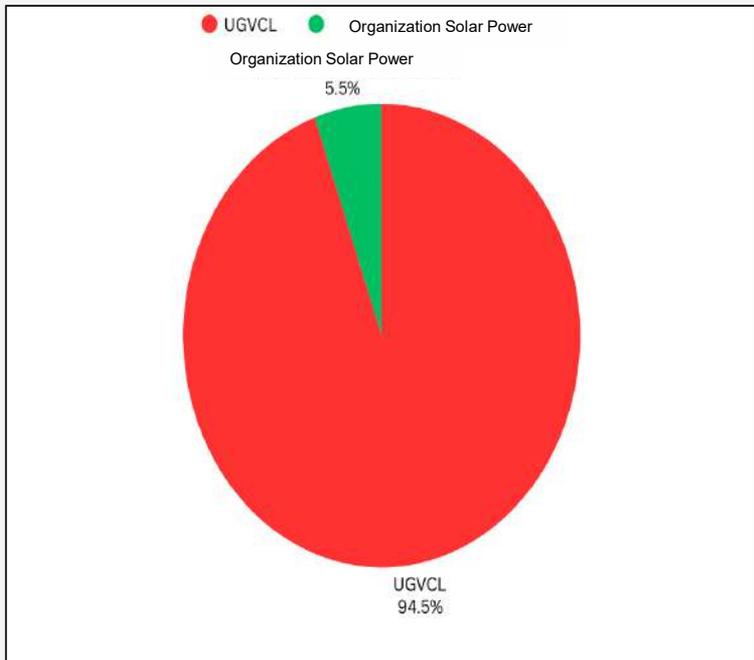
# Shaamlaji CC - 200 KWH SOLAR PLANT



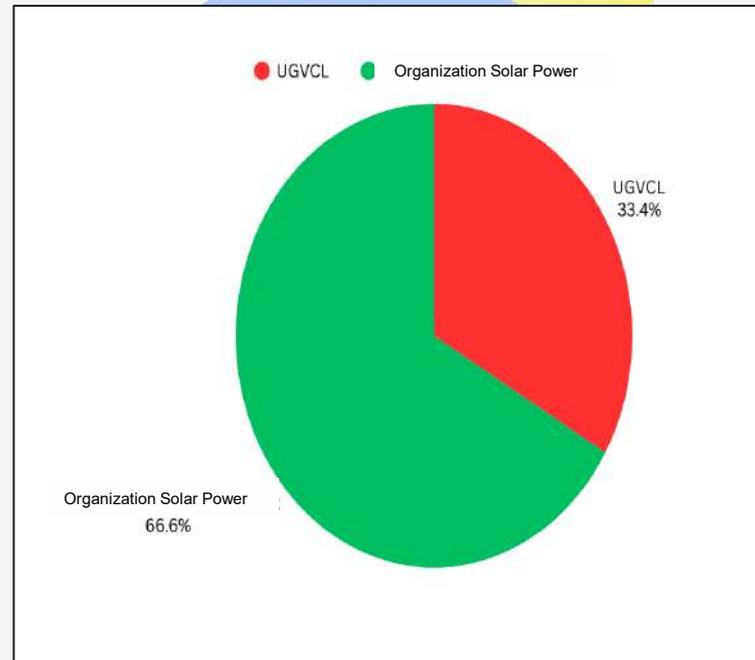
PER DAY SOLAR POWER GENERATION : 273 KWH

# FUTURE PLANNING FOR SOLAR PLANT

- 1 MW at Cattle Feed Plant
- 20 MW Solar Power Plant for Sabar Dairy.



**CURRENT SCENARIO**



**FUTURE SCENARIO**



# VDCS ROOFTOP SOLAR

- No of VDCS : 117
- Generation of Solar Power : 2225.3 kwh





## 4. Human Capital Investment

*Empowering People*

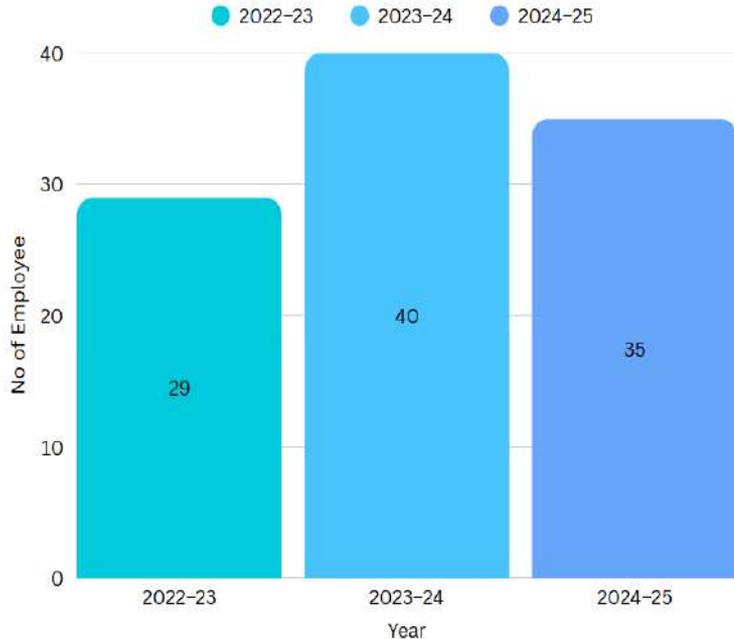
*Enhancing Skills*

*Elevating Performance*



Sabar Dairy has implemented robust training programs over the last three years, collaborating with premier institutes like **Vidya Dairy, IRMA, MIT (Mehsana), and NDDB**.

#### Year-wise Training Summary



#### Key Training Themes:

Domain	Topics Covered
Quality & Safety	Laboratory Practices, ISO 45001 Awareness, FSMS, GMP, HACCP
Engineering	Boiler Ops, Refrigeration, Energy Conservation, O&M
SAP & Automation	SAP HCM, SAP-MM, SAP-PP, SAP-QM
Dairy Technology	DT for Non-DTs, Effective Milk Processing, Packaging
Sustainability	Waste Management, Water Management, Renewable Energy
Soft Skills	Inventory Mgmt, TQM, Decision Making

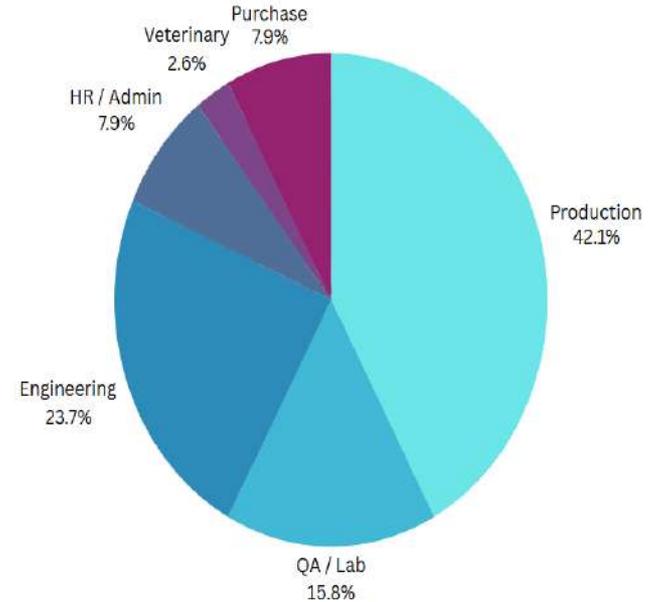


# Department-wise Participation (2024-25)



## Key Partner Institutes:

- **Vidya Dairy (Anand)** – SAP, Lab Practices, DT for Non-DT
- **MIT (Mehsana)** – Quality & Packaging, Energy, Safety, Refrigeration
- **IRMA (Anand)** – Smart Dairy Farming
- **NDDB** – Skill development for Veterinary & MPO

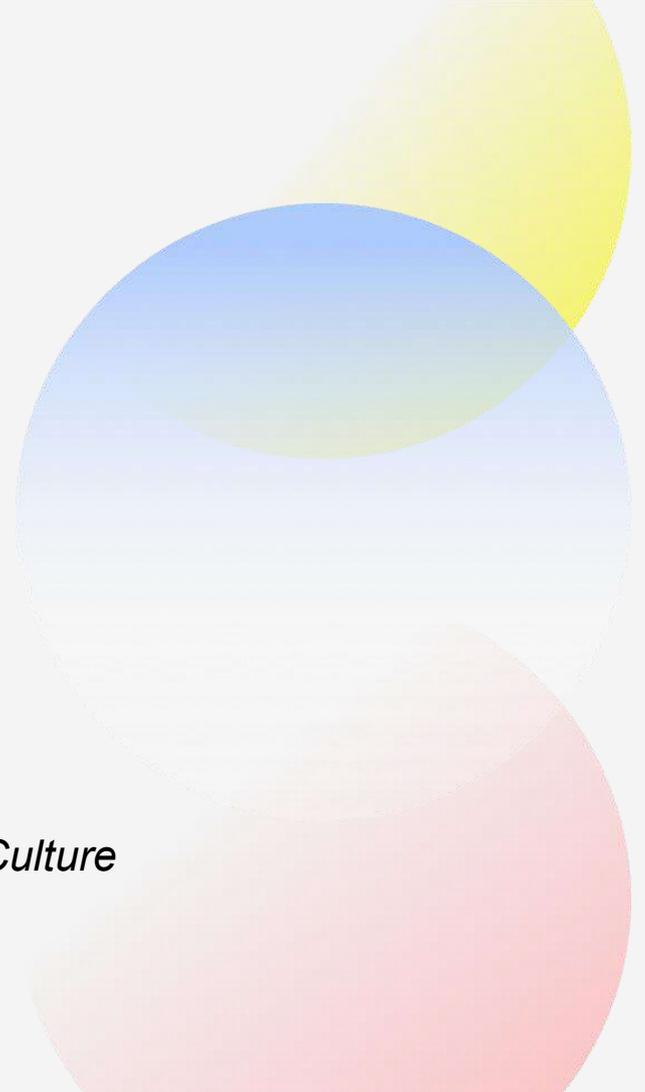


## ♥ 5. Employee Welfare & Insurance

*Protecting People*

*Fostering*

*Trust Building a Cooperative Culture*





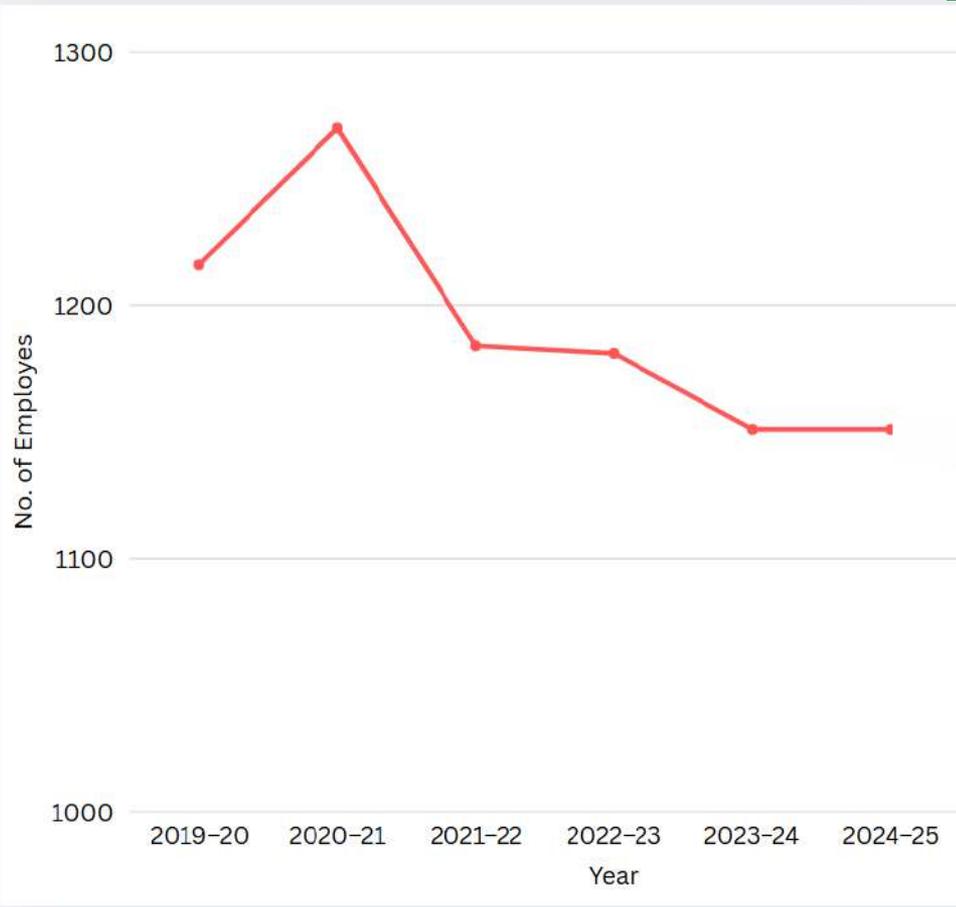
## Employee Welfare: Mediclaim Support

Sabar Dairy offers a **50-50 shared mediclaim policy** where half the premium is borne by the dairy, reflecting its commitment to employee health.



### Enrolment Trend:

Year	Employees Opted
2019–20	1,216
2020–21	1,270
2021–22	1,184
2022–23	1,181
2023–24	1,151
2024–25	1,156



## 🧠 Strategic Implications

-  **Security Net:** Protects employee savings during medical emergencies
-  **Boosts Retention:** Aids in retaining skilled dairy technologists, engineers, and operators
-  **Supports FSMS & ISO 45001:** Contributes to workplace safety compliance
-  **Promotes Peace of Mind:** Enhances overall productivity and mental well-being

YEAR	NO OF CLAIM SETTLED	CLAIMED AMOUNT SETTLED (crore)
2021-22	373	1.60
2022-23	336	1.41
2023-24	315	1.34
2024-25	382	1.77



## **6. Milk Procurement Trends**

*Strengthening Farmer Networks*

*Securing Supply Chains*

*Scaling Responsibly*

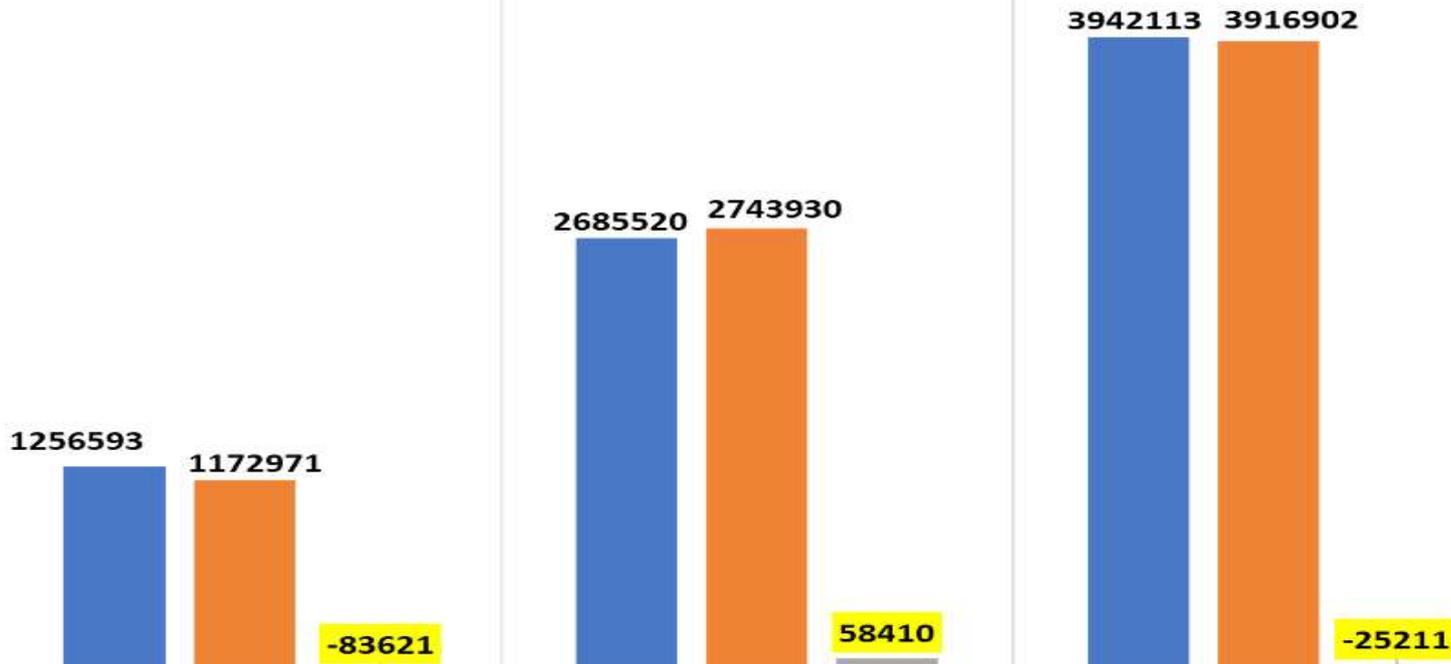
# MILK RECEIPT COMPARISON

YEAR	AT SABAR DAIRY AVG./DAY	AT OUTSIDE GUJARAT AVG./DAY	TOTAL AVG./DAY
2015-16	1843618	364425	<b>2208043</b>
2016-17	2101029	356967	<b>2457996</b>
2017-18	2368382	444081	<b>2812463</b>
2018-19	2665724	345579	<b>3011304</b>
2019-20	2347566	310406	<b>2657972</b>
2020-21	2491285	510130	<b>3001415</b>
2021-22	2774669	561830	<b>3336499</b>
2022-23	2644705	687816	<b>3332521</b>
2023-24	2685520	1256593	<b>3942113</b>
2024-25	2743930	1172972	<b>3916902</b>
<b>%CAGR (For last 10 years)</b>	<b>4.06 %</b>	<b>12.40 %</b>	<b>5.90 %</b>



# Total Milk Reception At SABAR DAIRY-GUJARAT & OUTSIDE 2-year Comparison (AVG KG/DAY)

KG MILK /DAY



AT OUTSIDE GUJARAT AVG./DAY

AT SABAR DAIRY AVG./DAY

TOTAL AVG./DAY

■ Average of 2023-24

1256593

2685520

3942113

■ Average of 2024-25

1172971.83

2743930

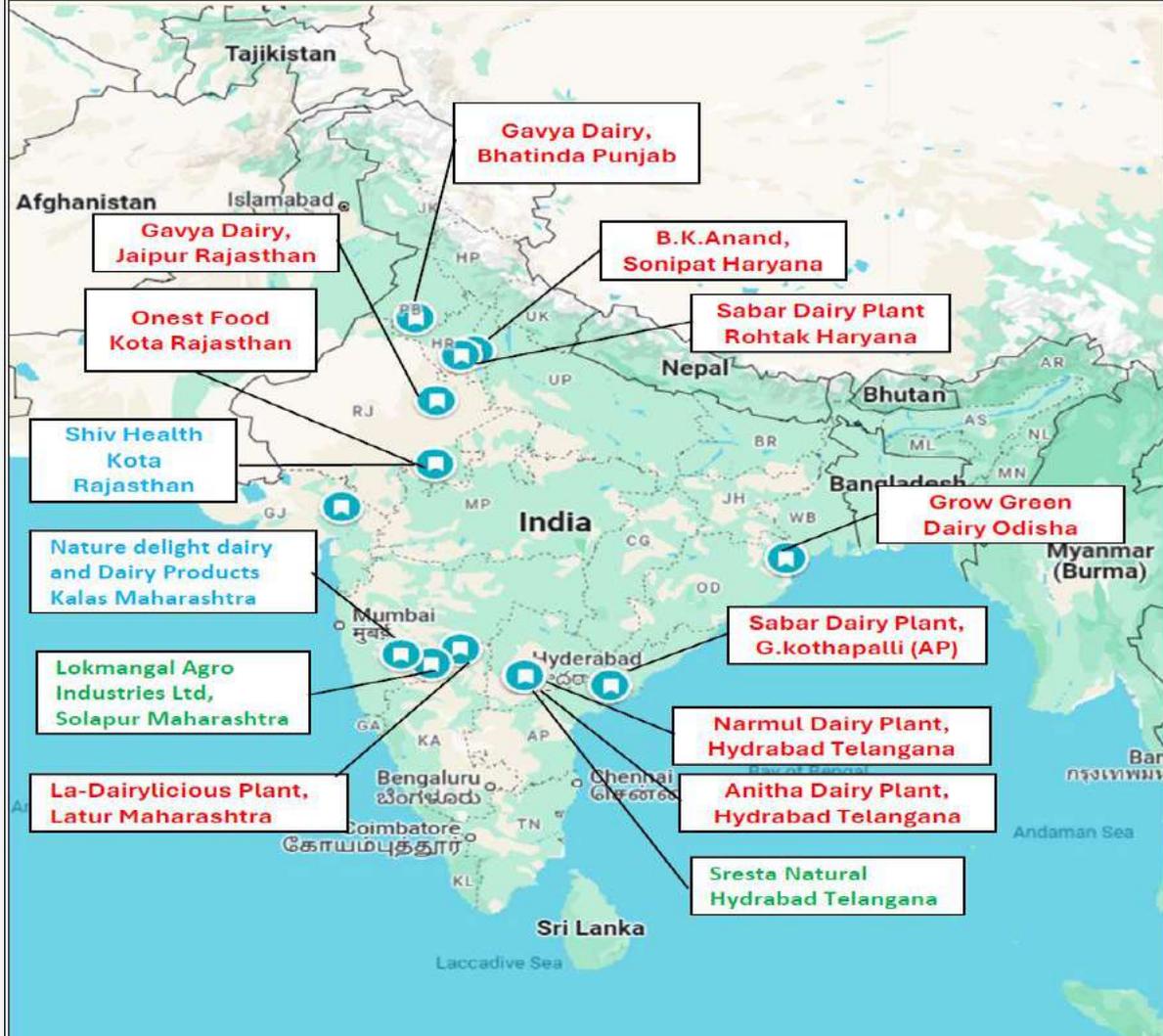
3916902

■ Average of DIFFERENCE

-83621.16986

58410

-25211



# SATELITE DAIRY PLANT (OPERATION OUTSIDE GUJARAT)

- 9-MILK & MILK PRODUCT PACKAGING PLANT
- 2- CONVERSION PLANT FOR SMP
- 2-ORGANIC PRODUCT PLANT
- 3-UPCOMING MILK PLANT

# Milk Processing Capacity Per Day (Satellite Plant)

Satellite Dairy & Third Party Plant		GAVYA	B.K. ANAND	NALGONDA	ANITHA	PRA NANDA	KOTA	BHATINDA	LATUR	G.KOT HAPALI
1	Milk Processing Capacity LLPD	5	3	2	1.50	0.5	0.5	3.2	0.5	0.5
2	SMP (MT)	32	45	-	-	-	-	-	-	-
3	PANEER (MT)	-	-	-	3.5	-	-	-	-	-
4	AMUL MASTI DAHI (MT)	12	12	-	6	15	16	16	5	15
5	AMUL POUCH MILK (LLPD)	3.5	3	1.5	1.2	0.5	0.5	1.25	0.5	0.5
6	AMUL BUTTER MILK (LLPD)	0.4	0.35	-	0.5	0.05	0.15	0.15	0.05	5

# MILK PROCESSING PLANT

## (UTILITY CONSUMPTION PER 1000 LITRES OF MILK)



### YEAR 2022-23

#### LMP 1

RO WATER : 416.75 LTR

STEAM : 37.37 KG

ELECTRICITY : 3.26 KWH

#### LMP 2

RO WATER : 291.96 LTR

STEAM : 28.81 KG

ELECTRICITY : 2.37 KWH

AIR: 3.54

### YEAR 2023-24

#### LMP 1

RO WATER : 357.4 LTR

STEAM : 29.67 KG

ELECTRICITY : 3.06 KWH

#### LMP 2

RO WATER : 307.8 LTR

STEAM : 30.37 KG

ELECTRICITY : 2.29 KWH

AIR: 2.14

### YEAR 2024-25

#### LMP 1

RO WATER : 384.33LTR

STEAM : 30.35 KG

ELECTRICITY : 4.26 KWH

#### LMP 2

RO WATER : 290.56 LTR

STEAM : 29.64 KG

ELECTRICITY : 2.12 KWH

AIR: 3.56



# BUTTER PLANT (UTILITY CONSUMPTION PER 1 MT OF BUTTER)



YEAR 2022-23
RO WATER : 1009.5 LTR
STEAM : 66.91 KG
ELECTRICITY : 24.55 KWH
AIR: 1.35

YEAR 2023-24
RO WATER : 763.61 LTR
STEAM : 59.73 KG
ELECTRICITY : 22.11 KWH
AIR: 0.47

YEAR 2024-25
RO WATER : 688.45 LTR
STEAM : 56.78 KG
ELECTRICITY : 23.33 KWH
AIR: 0.48



# UHT PLANT

## (UTILITY CONSUMPTION PER 1000 LTR OF UHT MILK)



YEAR 2022-23

PRODUCTION / DAY :  
252533 LLLPD  
RO WATER : 690 LTR  
STEAM : 56.15 KG  
ELECTRICITY : 34.96  
KWH  
AIR: 1.10



YEAR 2023-24

PRODUCTION / DAY :  
286842 LLLPD  
RO WATER : 588 LTR  
STEAM : 52.26 KG  
ELECTRICITY : 33.60  
KWH  
AIR: 0.97



YEAR 2024-25

PRODUCTION / DAY :  
278568 LLLPD  
RO WATER : 628 LTR  
STEAM : 47.01 KG  
ELECTRICITY : 34.24  
KWH  
AIR: 1.24



# Future Plan



**2027**

## 20 MW Solar Plant

## BIO CNG PLANT

- Collaboration with Maruti Suzuki
- Able to Produce 3500-4000 metric cube BIO-GAS per day
- Process 75.00 MT Dung per Day
- As by product will get 60,000 kg per day Solid (Dry) Fertilizer & 25,000 liters per day Liquid Fertilizer



**2026**

- Amul Tru & UHT Buttermilk Plant
- Potato French Fries Plant
- 20 MW Solar Plant
- Honey Processing Plant
- Namkeen Production
- 5 LLPD capacity New Dairy Plant in Telangana State
- OPU-IVF Laboratory



**2028**

- 10 LKPD Dairy Processing Plant at Arvalli District



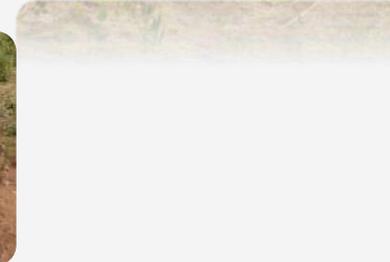
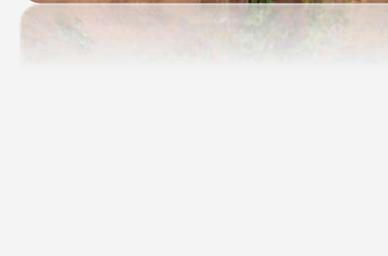
# Tree Plantation



- Tree Plantation program since 2007
- Supply of Fruit & Non-Fruit plant to Farmers
- Seed ball plantation
- Miyawaki plantation



Year	Tree Plantation (in Lakhs)	Non Fruit	Fruit Tree	Miyawaki Plantation	Seedball Plantation
2007-08	3.76	3.76	0	-	-
2008-09	7.54	7.54	0	-	-
2009-10	10.71	10.71	0	-	-
2010-11	8.11	8.11	0	-	-
2011-12	8.88	8.21	0.67	-	-
2012-13	7.25	6.49	0.76	-	-
2013-14	7.17	6.61	0.56	-	-
2014-15	8.66	7.64	0.98	-	-
2015-16	7.19	6.21	0.97	-	-
2016-17	5.74	4.86	0.88	-	-
2017-18	3.61	3.03	0.58	-	-
2018-19	2.96	2.66	0.303	-	-
2019-20	0.7	0.63763	0.64	-	-
2020-21	2	1.359	0.64	-	-
2021-22	3.09	1.964	1.128	1 Unit	-
2022-23	3.23	2.04	1.183	2 Unit	-
2023-24	2.05	1.76	0.29	2 Unit	-
2024-25	3.74	2.94	0.79	-	Aravalli Range Shamalaji (1,00,000 seedball)



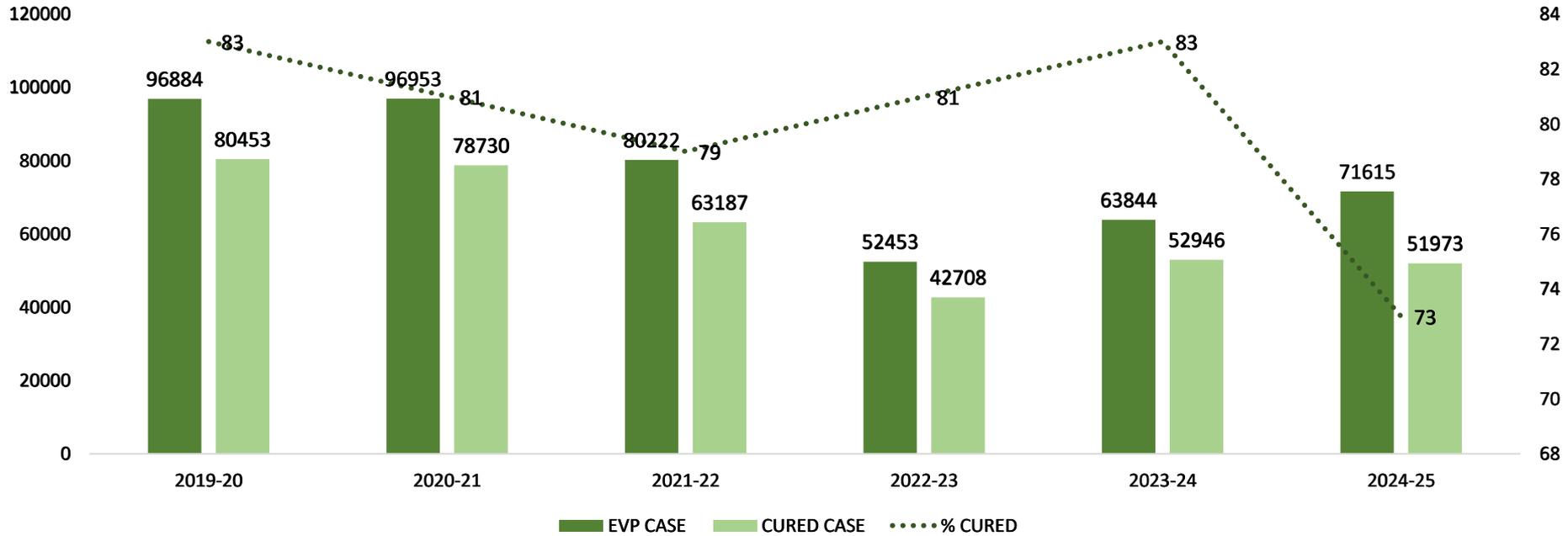
# ***WHY Ethno Veterinary Herbal Preparation (EVHP)?***

- Presence of antibiotic residues in milk and milk products may be an issue due to indiscriminate use and non-adherence to withdrawal period.***
- Antibiotic residues interferes with the manufacture of several dairy products by delaying starter culture activity for cheese, curd and other fermented products.***
- Cost-effective, simple and efficacious.***
- EVP for managing many ailments can be prepared by the farmer himself from ingredients mostly available in his/her household.***
- Emerging threat of Antimicrobial resistance (AMR) occurring in both animals and humans.***
- Easiest way to rationalize the use of drugs and antibiotics.***



***Reduce 70% antibiotic residues in milk after using EVP (In Last 7 Years)***

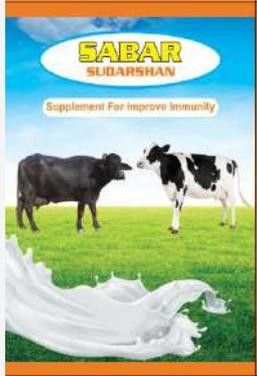
# EVP DATA ( MASTITIS, PYREXIA, DIARRHOEA )



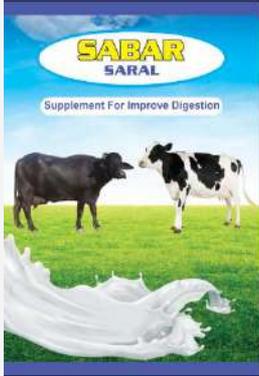
	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
EVP CASE	96884	96953	80222	52453	63844	71615
CURED CASE	80453	78730	63187	42708	52946	51973
% CURED	83	81	79	81	83	73

# ETHNOVET PRODUCTS DEVELOPED BY SABAR

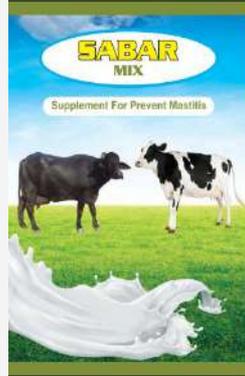
SABAR SUDARSHAN



SABAR SARAL



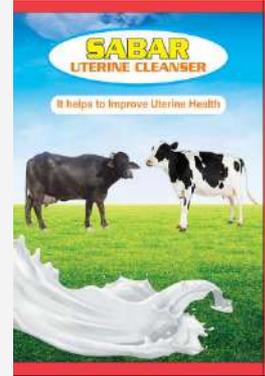
SABAR MIX



SABAR SANJIVANI



SABAR UTERINE CLEANSER



ALO SABAR 1 LITRE



SABAR SODA



SABAR AMRUT 500 ML



# GLIMPES OF 2024-25





**Approved By:**

Shri Subhashchandra V. Patel  
Managing Director , Sabar Dairy

**Guided By :**

Shri H.K.Patel  
Manager (Production)

**Prepared By:**

Parth M. Chaudhary & Dharmendra K. Patel