

# DAIRY PULSE



Estd. 1990

**Suruchi Consultants**  
Delivering solutions with integrity

KNOWLEDGE PARTNER

\* INDIAN \*

\* GLOBAL \*

Dairy news | Dairy news India - dairynews7x7.com

Dairy News Dairy Insights Dairy Policy

DAIRY NEWS WEEKLY NEWS WORLD DAIRY NEWS DAIRY POLICY V LOG BLOG ABOUT CONTACT PRIVACY POLICY T&C

# Top Tags dairy news dairynews7x7 Amul Dairy farmers IdB R S Sothi weekly dairy news

Latest News with new technology Dairy majors scramble for plant-based alternatives Lakhs of Farmers Collectively Revolutionizing Organized Dairy Sector: NDOB Chairman SC upholds disinvestment of WB Govt sh



CSIR to help consumers identify spoilt milk with new technology

Latest Popular Trending Blog

- WORLD DAIRY NEWS**  
Dairy products in moderate amounts may protect against type 2 diabetes
- UNCATAGORISED**  
Rs 750 crore Dudsagar Dairy scam: Vipul Chaudhary and CA arrested
- DAIRY NEWS**  
SC upholds disinvestment of WB Govt shares in Metro Dairy

## FORTNIGHTLY NEWSLETTER

**Dairy Pulse 165<sup>th</sup> Edition (1<sup>st</sup> to 15<sup>th</sup>, September 2022)**



IDF WORLD DAIRY SUMMIT 2022

### CATEGORIES OF THE EDITION

- \* Suruchi Endeavor in Skill/ Entrepreneur Development Domain
- \* Indian News
  - Animal Health/Protection
  - Marketing
  - Health/Awareness
  - Regulatory/Legal
  - Survey/Report
- \* Foreign News





Suruchi Consultants  
Estd. 1990  
Delivering solutions with integrity

**SAFE MILK IS  
OUR RESPONSIBILITY**



www.safemilklabs.com

# SU-RAKSHA UNIQUE FINE PURIFICATION SYSTEM TO IMPROVE Milk quality, MBRT and Shelf Life

Su Raksha ensures upto 98% removal of physical impurities in your milk

Filtration Cost:  
5-10 Paise Per  
Liter Of Milk

Best Location for Application	Purification Capacity of Filter for Cow Milk	Filter Size in Micron
Before BMC	2 KL	5
Before BMC or After Pasteurizer	7 KL	4
At Plants Reception and Chilling Centre	10 KL	5
	25 KL	5



Filters are available upto 100kl also with housing

For Buffalo and Goat milk the filter capacity is reduced to 60% due to higher total fat and solids.



Suruchi Consultants

**Suruchi Consultants**  
Delivering solutions with integrity

Add. : C-49, Sector-65, Noida, U.P.(201307),  
E-mail : [info@safemilklabs.com](mailto:info@safemilklabs.com), Contact : 0120-4370845  
Url.: [www.safemilklabs.com](http://www.safemilklabs.com)

Let us all work for our farmer's smile in

**2022**  
HAPPY NEW YEAR



**SURUCHI CONSULTANTS**

**C-49, SECTOR - 65, NOIDA, UTTAR PRADESH, 201307**





Certificate No.: TC-8824



# SAFE LABS

(an initiative of Suruchi Consultants)

**HAS BEEN GRANTED NABL ACCREDITATION WITH  
ISO/IEC 17025:2017  
IN THE FIELD OF TESTING  
OF MILK & MILK PRODUCTS ON 29.01.2020.**

Team SAFE LABS would like to thank you for your continuous motivation and guidance.

We seek your patronage for fulfilling our common dreams for providing  
Safe Milk to everyone in India by 2025.

Contact Us :

C-49, Sector-65, Noida, Uttar Pradesh, 201307

Ph.: +91 120-4370845, 4320845

E-mail: safelabs@suruchiconsultants.com

www.suruchiconsultants.com

**Kuldeep Sharma**  
a Friend, Philosopher and Guide to  
over 2000 Dairy aspirants since 1990



# SAFE LABS

**NABL ACCREDITED TESTING LAB FOR MILK & MILK PRODUCTS**



## TESTING SERVICES

- A. Satutory
- B. Adulterants
- C. Contaminants
- D. Microbial



## NEW PRODUCT DEVELOPMENT

- A. Health & Nutrition
- B. Indulgence
- C. Convenience



## CONSUMER INSIGHTS

- A. Focus Group Discussions
- B. Organoleptic Evaluation
- C. Competitor Benchmarking

Safe Labs conducts testing of Milk & Milk Products as per FSSAI & IS requirements in the field of Chemical, Microbial & Contaminants.



Add. : C-49, Sector-65, Noida, U.P.(201307),  
E-mail : info@safemilklabs.com, Contact : 0120-4370845  
Url.: www.safemilklabs.com

NABL Accreditaion:



ISO-17025:2017

# Dairy Pulse 165<sup>th</sup> Edition (1<sup>st</sup> to 15<sup>th</sup> September, 2022)

## Content

Indian News.....	7
Fodder availability will be primary concern in coming days, says Tomar.....	7
Women-led firms launch value-added products .....	8
Maharashtra: 2,000 kg adulterated paneer seized from two Pune factories.....	9
BJP falsely claims of India becoming the largest Milk producing country in the world under PM Modi .	9
India’s milk output to jump 3-fold to 628 million MT in 25 years:R S Sodhi .....	10
Milk price to be hiked by ₹3 a litre? .....	11
NDDDB arm to launch domestic bovine sex-selection technology.....	12
Amul, NDDDB can jointly explore dairy machinery manufacturing: Amit Shah .....	13
Prime Minister Modi Inaugurates World Dairy Summit 2022 .....	14
India Became World's Largest Milk Producer In 1998: Congress Slams PM Modi .....	15
India's milk production growing 6% per annum against 2% globally: PM Modi .....	16
Organic dairy firm Akshayakalpa raises \$15 million to expand across India .....	16
Flavoured milk is not milk but a drink containing milk. So pay 12% GST .....	17
All-time record: Milma sells 95L litres of milk during Onam .....	18
Namakkal will get a dairy with a capacity to process two lakh litres of milk a day: L. Murugan.....	19
PM to inaugurate IDF summit; India to showcase dairy co-op movement .....	19
Saras milk became expensive for the second time in 75 days.....	21
How ‘Operation Flood’ helped in the evolution of the dairy sector In India? .....	22
PM Modi to Inaugurate World Dairy Summit in Greater Noida on Sept 12.....	23
Mother Dairy Cheese, Wavemaker, Momspresso organize Food Ka Buddy .....	24
Fast-spreading lumpy disease hits milk output .....	25
AAC Havelian Seals Two Shops For Selling Adulterated Milk .....	26
PM Modi to Inaugurate World Dairy Summit in Greater Noida on Sept 12.....	26
33% Indian households cut milk consumption amid price rise:Survey .....	27
Milk testing lab at Walayar opened.....	28
Indians cut down on milk purchases or switch to cheaper options as price rise, finds survey .....	29
Price of Vijaya milk hiked by Rs 4 per litre.....	30
Upcoming ‘flush’ season holds the key to cooling milk prices – CEO Jersey.....	30

33% Indian households cut milk consumption amid price rise concerns: Survey .....	32
A2 Milk Company Provilac Expands Its Footprint to Hyderabad .....	32
Set up joint dairy waste management facilities, NGT tells Chandigarh, Punjab.....	33
Milkymist launches Skyr : An Icelandic High protein Yogurt range .....	35
Vijaya Dairy hikes milk procurement prices to ryots .....	36
11.2-lakh cattle across 12 states in lumpy skin grip: Sanjeev Balyan .....	36
<b>Global News .....</b>	<b>38</b>
Animal ID and Actionable Data Go Hand in Hand.....	38
Dairy prices rise, volumes fall at auction- GDT events .....	39
Dairy farmers boosted by record-high payments for milk.....	40
Adulterated natural Milk Red alert for human life in Pakistan.....	41
Milk Prices for 2022 are Up - But So is Everything Else .....	42
PCJCCI Suggests Pak Dairy Products' Export To China .....	43
CIFTIS:MoU signed to enhance Pak-China cooperation in buffalo business .....	44
Milk Prices Off to a Bumpy Start.....	45
Milk shortages 'inevitable' if vegan protesters blockade dairy sites .....	45
Winners of the 2022 Dairy Products Competition announced.....	47
U.S. Milk Output on a Slow, Rising Slope.....	49
6 Milkmen Arrested For Adulteration In Milk.....	53
Startup raises \$12 million to scale carbon-neutral dairy .....	53
Does dairy cause acne or is it another skincare myth? .....	54
Synthetic milk made without cows? Could radically disrupt the dairy.....	56
Neutral Foods gets money from Gates,Cuban, and LeBron to cut GHG.....	57
.....	<b>61</b>

## Indian News

### Fodder availability will be primary concern in coming days, says Tomar

SEP 15, 2022

<https://dairynews7x7.com/fodder-availability-will-be-primary-concern-in-coming-days-says-tomar/>



**U**nion Minister for Agriculture and Farmers' Welfare Narendra Singh Tomar on Wednesday raised concerns over the looming shortage of fodder for animals in the coming days and appealed to the policymakers, entrepreneurs and dairy leaders to resolve the issue.

Speaking at the International Dairy Federation (IDF)'s World Dairy Summit's session on Feed, Food and Waste, the minister underscored various challenges that the agriculture is facing currently.

"The primary concern among them is how to ensure adequate availability of fodder in the coming times and what could be the mediums to resolve it. This requires a serious discussion," said Tomar.

Giving an example of the Gir breed of cows from the Goras region, Tomar said during the peak summer and under water scarcity situations, the cattle herds have to take their cattle to far-flung areas as far as 200-300 miles away

in search of fodder. "Due to this issue, the desired development of these people don't happen," he said.

Wasting valuable residue

On the stubble-burning issue, he termed it as a waste of a valuable farm residue, which could be put to many alternate uses including for improving the soil fertility.

"Normally, we consider it as waste. If we can't use it adequately, we may face a challenge for the environment as well as for animal fodder. The issue of Parali (stubble burning) crops up every time. Everyone knows that stubble burning is like the wastage of a resource. The potential income from these farm residuals won't be realised if it is burnt," he said.

The stubble burning, he said, not just impacts the environment, but also damages the soil, and kills the friendly bacteria resulting in the deterioration of soil quality, which eventually impacts its fertility.

The Agriculture Minister also appealed to the farmers to join the organic and natural farming mission and look for higher realisations.

"In recent times, India has seen exports of agriculture products worth ₹4-lakh crore. A large part of this is organic products," he said.

## Women-led firms launch value-added products

SEP 15, 2022

<https://dairynews7x7.com/women-led-firms-launch-value-added-products/>



**T**he International Dairy Federation (IDF)'s World Dairy Summit 2022 on Wednesday saw women-centric milk producer companies (MPCs) launching their products in presence of global majors.

The MPCs owned by farmers are set to triple their milk procurement to reach value of more than ₹18,000 crore from the current ₹5,575 crore in the next five years.

As many as six MPCs that included India's first women-centric MPC Tirupati-based (Andhra Pradesh) Shreeja, Gujarat-based Maahi, Rajasthan's Paayas, Sakhi and Asha and Balinee from Bundelkhand in Madhya Pradesh utilised the IDF platform to launch about half a dozen products. In his inaugural address, the Prime Minister had stated that women leadership formed about 70 per cent workforce in dairy and about 1/3rd in co-operatives. He termed them as the driving force for ₹8.5-lakh crore Indian dairy industry.

About 7.5 lakh dairy farmers have formed 20 producer companies. The latest launch of value-added products by a few of them is seen as an

effort to enter the organised dairy space, dominated by the established State-level and national brands.

Four different brands of ghee along with curd and paneer have been launched by the four MPCs Shreeja, Asha, Sakhi and Balinee. Gujarat's Maahi launched Gir Amrut ghee brand. Shreeja unveiled its cow ghee and mango yoghurt. The other MPCs, Sakhi and Balinee, too, launched ghee and Asha added paneer and curd to its already diverse product portfolio.

**NDDB efforts**

In the past 10 years, National Dairy Development Board (NDDB) through its wholly-owned subsidiary NDDB Dairy Services (NDS) has facilitated creation of 20 MPCs. Of these, 18 are operational with daily milk collection of 40 lakh litres.

Meenesh Shah, Chairman of National Dairy Development Board (NDDB), informed that the milk procurement by such MPCs would treble to top ₹18,000 crore, while daily volumes would rise to over 100 lakh litres.

Overall, the dairy players have stated that India's dairy output will more than double in the next five years from current ₹13-lakh crore to about ₹30-lakh crore by 2027.

RS Sodhi, Managing Director of [Amul](#) marketer, Gujarat Cooperative Milk Marketing Federation Ltd, has projected India's contribution to the world dairy market to shoot up to 47 per cent from the current 23 per cent.



## Maharashtra: 2,000 kg adulterated paneer seized from two Pune factories

Sep 14, 2022 | 05:51 PM IST

<https://www.timesnownews.com/pune/maharashtra-2000-kg-adulterated-paneer-seized-from-two-pune-factories-article-94202676>



**P**une: Maharashtra Food and Drug Administration (FDA) officials have raided two factories of dairy products in Pune city and seized 2,000 kg of adulterated paneer and skimmed milk powder.

The FDA officials said they found that adulterated paneer was being made using oil and milk powder at these factories located in Kondhwa and Wanvadi areas on Monday.

According to the FDA officials, this is the third such raid since September 5 in which adulterated paneer and other dairy products were seized.

On September 5, the FDA acted against a factory manufacturing adulterated paneer. During the probe, the names of Sadguru Milk & Milk Products and Tip-Top Dairy Products came to light where the adulterated paneer was being produced, the official said on Tuesday.

“On September 12, when our sleuths visited the premises of these two factories in the Kondhwa and Wanwadi areas, they found that adulterated paneer was being produced using oil and milk powder,” he said, adding that approximately 2,000 kg of adulterated paneer was found at these two places with the face value of Rs 25 lakh.

## BJP falsely claims of India becoming the largest Milk producing country in the world under PM Modi

SEPTEMBER 14, 2022

<https://dfrac.org/en/2022/09/14/india-becoming-the-largest-milk-producing-country-in-the-world/>



**S**peaking after inaugurating the International Dairy Federation World Dairy Summit (IDF WDS) 2022 on Monday, PM Modi had said since 2014, “Our government has worked relentlessly to enhance the potential of India’s dairy sector”.

BJP (Bharatiya Janta Party) also recently claimed that under the leadership of Prime Minister Narendra Modi India has become the largest producer of milk from being a milk deficit country in its early years.

A tweet from BJP’s official Twitter account states, “Under the leadership of PM @narendramodi, India is charting new heights in the Dairy Sector! From being a milk-deficit nation to becoming the largest producer of milk in the world, India has come a long way.”

Fact Check:

To investigate this claim DFRAC team ran a keyword search on this topic and found many reports on Google that state, in 1998, (i.e at the time of congress) India surpassed the US and became the largest milk producer in the world. Financial Express report dated June 1 2017 states that “India has actually been the world’s top milk-producing country since 1997, but in the year 2014, for the first time, it beat the entire EU.”

It further states, “AMUL and Operation Flood launched in 1970, was a project of India’s National Dairy Development Board (NDDB), which was the world’s biggest dairy development program. It transformed India from a milk-deficient nation into the world’s largest milk producer, surpassing the USA in 1998, with about 17 per cent of global output in 2010-11.



#### AMUL

Again according to a report by Amul with the headline, “How Kurien’s Idea Helped India BE-COMW World’s Largest Milk Producer?”

The report states, “In 1970 world’s Operation Flood NDDB’s revolutionary project and the world’s biggest agriculture Dairy development project was launched. It turned India from a deficient milk-producing country to the world’s largest Milk producing country.

The report further states, “It was all because of kurien’s efforts of expanding the “Anand Pattern of Milk production” regionally.”

### India’s milk output to jump 3-fold to 628 million MT in 25 years:R S Sodhi

SEP 14, 2022

<https://dairynews7x7.com/indias-milk-output-to-jump-3-fold-to-628-million-tonnes-in-25-years-r-s-sodhi/>



**I**ndia’s milk production is expected to jump three-fold to 628 million tonnes in the next 25 years with an average annual growth of 4.5 per cent, Amul Managing Director R S Sodhi said on Monday.

Size of Indian dairy market to jump over 2-fold to Rs 30 lakh cr by 2027 said Meenesh Shah Chairman NDDB. Shah said the size of Indian dairy market stood at Rs 13 trillion in 2021 and it is expected to reach Rs 30 trillion by 2027.

The country’s milk production was 210 million tonnes in 2021, the MD of Gujarat Cooperative Milk Marketing Federation (GCMMF), which markets dairy products under the Amul brand, said.

“Milk production in India is projected to grow at a CAGR of 4.5 per cent to reach 628 million tonnes in the next 25 years,” he said while giving a presentation on the outlook of the Indian dairy sector over the next 25 years.

Sodhi was speaking at International Dairy Federation World Dairy Summit (IDF WDS) 2022, being organised at India Expo Centre & Mart here during September 12-15.

India’s share in global production is estimated to nearly double to 45 per cent in the next 25 years from 23 per cent now.

The demand is also set to increase because of the rising population, Sodhi said.

The demand for milk is expected to rise to 517 million tonnes in the next 25 years, leaving an export surplus of 111 million tonnes, he said. The GCMF MD said the per capita availability of milk in India will increase to 852 grams per day in the next 25 years from 428 grams per day in 2021.

Sodhi highlighted that India's dairy sector has the most efficient supply chain in the world. The packaging and transportation costs for supplying milk to consumers are very less compared to the global average.

## Milk price to be hiked by ₹3 a litre?

SEP 14, 2022

<https://dairynews7x7.com/milk-price-to-be-hiked-by-₹3-a-litre/>



**E**fforts so far to increase the price has been stonewalled by the government. After over three years, the Karnataka Milk Federation (KMF) is likely to increase selling price of Nandini milk by ₹3 a litre.

While a decision on this was taken at the KMF's annual general body meeting here on Friday, its date of implementation, however, is yet to be confirmed as any hike in price has to be approved by the State government. It is learnt that the KMF has decided to pass on the entire hike amount of ₹3 to farmers.

The development comes ahead of the monsoon session of the State legislature where the issue could come up for discussion.

Currently, a litre of Nandini milk is sold at ₹37 in Karnataka. Milk Unions have pointed out that the cost of milk is around ₹50 a litre in neighbouring States, and that the milk producers have been affected owing to rise in input cost for the dairy industry.

Sources close to KMF chairman Balachandra Jarkiholi said that the decision to hike the selling price by ₹3 was cleared by the general body unanimously after pressure came from all the 14 district milk unions. "Though pressure has been building up to raise the milk price, all efforts by the chairman has been stymied by the government in the last eight months," sources said, adding that it was felt that the increase was necessary to keep the milk industry financially viable.

So far, despite multiple appeals to increase the price, the government has resisted the moves, and the latest proposal comes amid the decision of milk producers in Mandya, Kolar, Ramnagar, and Bengaluru Urban and Rural districts deciding to take out a rally in Bengaluru on September 22 seeking increase in milk price by ₹5 a litre.

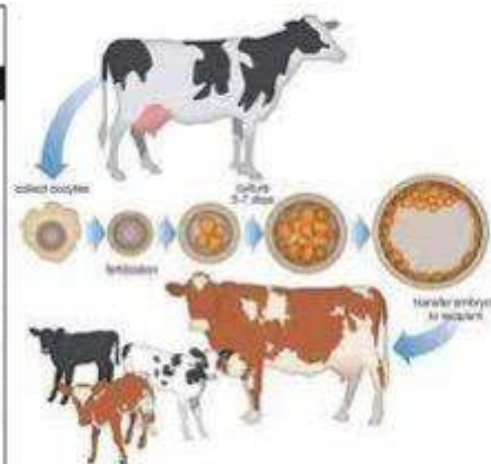
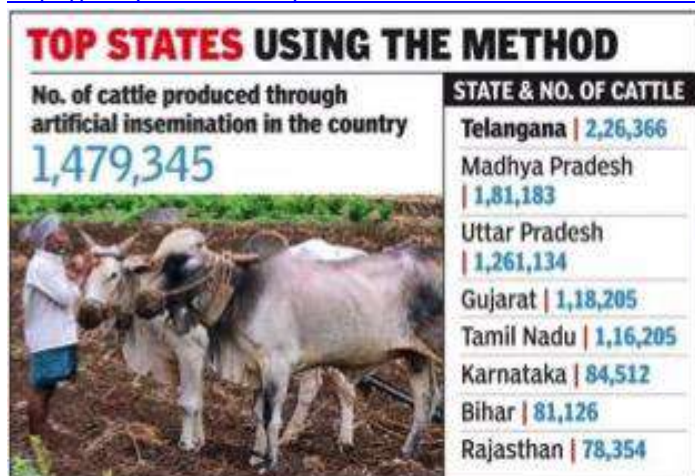
Bengaluru Milk Union Ltd. president Narasimhamurthy confirmed that the KMF general body had unanimously passed a resolution to increase the price by ₹3. "We are hopeful that it will be given effect soon and benefit farmers for whom animal husbandry had become less lucrative."

Experts feel that milk production may not be financially viable if the farmers do not get higher procurement price which now stands at ₹27 a litre.

## NDDB arm to launch domestic bovine sex-selection technology

SEP 14, 2022

<https://dairynews7x7.com/nddb-arm-to-launch-domestic-bovine-sex-selection-technology/>



**T**o increase the population of milch animals and their productivity, an indigenous and affordable sex-sorted semen technology will soon be rolled out for dairy farmers in India.

### Field trials

NDDB Dairy Services, a subsidiary of the National Dairy Development Board (NDDB), has successfully conducted field trials of sex-sorted semen.

The sex-sorting semen technology separates male sperms from the spermatozoa of cattle and ensures only female calf is delivered as a means to enhance milk output. “We have successfully conducted field trials in Maharashtra and Chennai. The success ratio of an animal delivering only a female calf is 87-90 per cent — 20-25 female calves were produced,” said CP Devanand, deputy managing director, NDDB Dairy Services, on the sidelines of International Dairy Federation’s (IDF) World Dairy Summit 2022.

Devanand further said the technology has been indigenously developed in collaboration with Bengaluru-based bio-engineering company Jiva Sciences Private Limited; Indian Institute of Science, Bengaluru; Indian Institute of Technology, Chennai; and National Centre for Biological Sciences (NCBS), Bengaluru.

Currently, the sex sorting technology for bovine semen is sourced through international players such as the US-based Sexing Technologies (ST USA), through its Indian arm ST Genetics India. The cost per dose of sexed semen for artificial insemination is ₹1,500-2,000; when an animal requires multiple doses, the cost shoots up to ₹4,000, making it unviable for the average farmer. “We are ready for commercial launch by the end of this year, at around ₹250 per dose of sexed semen, which is much more affordable compared to existing alternatives. This will be made available through our semen centres,” said Devanand. The technology is mostly used for cows, as the male buffalo carries higher value than a bull.

## Amul, NDDB can jointly explore dairy machinery manufacturing: Amit Shah

SEP 14, 2022

<https://dairynews7x7.com/amul-nddb-can-jointly-explore-dairy-machinery-manufacturing-amit-shah/>



**A**fter having assigned the dairy major Amul a task to provide a marketing platform for organic food products, Union Minister for Cooperation, Amit Shah on Monday gave the Gujarat Cooperative Milk Marketing Federation Ltd (GCMMF) and the dairy body, National Dairy Development Board (NDDB), a responsibility to make India self-reliant in dairy machinery manufacturing. At the International Dairy Federation (IDF)'s World Dairy Summit 2022 here, Shah asked the co-operative dairy leaders to consider becoming self-reliant in equipment manufacturing. "We have achieved self-reliance in milk production. But we are still dependent on imported processing machineries for value-added dairy products. I am fully confident that NDDB and Amul can jointly take this up. The NDCDC (National Co-operative Development Corporation) has a lot of funds available, so there is no issue of finance. If we take this up, then we would be self-reliant even in the dairy machinery production and could contribute to the world market," said Shah. The government will make two lakh more dairies in the country before the 2024 Lok Sabha elections, Union Home Minister Amit Shah said while addressing the International Dairy Federation World Dairy Summit 2022 in Greater Noida on Monday. The HM was speaking at the inauguration day of the World Dairy

Summit 2022 which is being held in India after a gap of 48 years.

Uttar Pradesh Chief Minister Yogi Adityanath, in whose state the global summit is being held, said that nine new greenfield dairy plants will get functional in the state in the next two years. Saying that UP is India's largest milk producer, CM Adityanath said that the state now has 319 lakh metric tonnes of annual milk production and contributes 16 percent of India's total dairy output.

### Co-operative model

Addressing the IDF-WDS 2022, Shah also stated that the world can take examples of co-operative model in India and apply it as an alternative economic models to achieve inclusion and broader welfare objectives. "India's co-operatives history is about 120 years old. India has offered the world an alternative and yet successful model to communist model (which has state-controlled production), and a market model (which works on mass production by corporate).

In India there are about 1.8 crore farmers spread across two lakh villages of the country. Most of them are connected to co-operative dairying through the model of operation flood, which was implemented in early 1970s. India's annual milk production grew at a meagre 1 per cent rate, while a decade following the operation flood implementation, this rate grew to 4.6 per cent and subsequently to 5 per cent. India's annual growth rate of milk production is about 6 per cent at present and milk production of about 210 million tonnes.

## Prime Minister Modi Inaugurates World Dairy Summit 2022

SEP 13, 2022

<https://dairynews7x7.com/prime-minister-modi-inaugurates-world-dairy-summit-2022/>



**I**naugurating the International Dairy Federation World Dairy Summit in Greater Noida on Monday, Prime Minister Narendra Modi said the Centre has made all efforts to keep a track of the movement of livestock in the wake of the spread of lumpy skin disease (LSD). Mr. Modi said there has been a loss of livestock in many States due to the disease in the recent past and assured everyone that the Centre and the State Governments are trying their level best to keep a check on it.

“Our scientists have also prepared indigenous vaccine for lumpy skin disease,” he said.

He added the movement of animals are being monitored to keep the outbreak under control. “Be it vaccination of animals or any other modern technology, India is always eager to contribute to the field of dairy while striving to learn from its partner nations. India has acted swiftly on its food safety standards,” Mr. Modi said.

The Prime Minister highlighted the centrality of Pashu Dhan and milk-related business in the cultural landscape of India.

He said the driving force of the dairy sector in India is small farmers and added that the country’s dairy sector is characterised by “production by masses” more than “mass production”. “India is the largest milk-producing country on the basis of the efforts of these small farmers who have one or two cattle. The dairy sector provides employment to more than eight crore families in the country,” he said.

He said the huge network of dairy cooperatives in India is a unique example and these dairy cooperatives collect milk twice a day from about two crore farmers in more than two lakh villages in the country and deliver it to the customers.

Pointing out the importance of indigenous breeds, he said such varieties of cattle can withstand many adverse circumstances.

He said women have a 70% representation in the workforce in India’s dairy sector.

“Women are the real leaders of India’s dairy sector. Not only this, more than a third of the members of dairy cooperatives in India are women,” he said, adding that with a value of ₹8.5 lakh crore, the dairy sector is more than the combined value of wheat and rice.

## India Became World's Largest Milk Producer In 1998: Congress Slams PM Modi

September 13, 2022 11:51 pm IST

<https://www.ndtv.com/india-news/india-became-worlds-largest-milk-producer-in-1998-congress-slams-pm-modi-3342186>



**T**he Congress slammed Prime Minister Narendra Modi on Tuesday over his remarks at the world dairy summit, saying the "white revolution" was entirely because of Tribhuvandas Patel, V Kurien and the great cooperative institutions they created. Speaking after inaugurating the International Dairy Federation World Dairy Summit (IDF WDS) 2022 on Monday, Prime Minister Modi had said since 2014, "our government has worked relentlessly to enhance the potential of India's dairy sector".

"Today, its result is visible in terms of milk production as well as the increased income of farmers. In 2014, India produced 146 million tonnes of milk. Now, it has increased to 210 million tonnes. That is, an increase of about 44 per cent," the prime minister had said.

"Jagadguru of Jhoot is now claiming to have made India the world's largest milk producer, which it became in 1998," Congress general secretary in-charge communications Jairam Ramesh said in a tweet, in an apparent reference to Prime Minister Modi's remarks at the summit.

"The White Revolution was entirely because of Tribhuvandas Patel, Dr. V. Kurien and the great cooperative institutions they created," the former Union minister added.

In his remarks at the summit, Prime Minister Modi had said milk production is growing at the rate of 2 per cent in the world, whereas in India, its growth rate is more than 6 per cent.

"The per capita availability of milk in India is much higher than the world average. In the last three-four years, our government has directly transferred about ₹ 2 lakh crore to the bank accounts of small farmers," he had said.

A large part of this amount was credited to the bank accounts of the farmers associated with the dairy sector, he had said.

Due to the hard work of small farmers and their livestock, India is currently the largest milk-producing country in the world, the prime minister had said.

## India's milk production growing 6% per annum against 2% globally: PM Modi

Sep 12, 2022 | 02:18 PM IST

<https://www.timesnownews.com/business-economy/industry/indias-milk-production-growing-6-per-annum-against-2-globally-pm-modi-article-94149263>

**H**ighlighting the success of the Indian dairy sector, Prime Minister Narendra Modi on Monday said the country's milk production is growing at a rate of 6 percent per annum as against the global growth rate of 2 percent.

Speaking after the inauguration of International Dairy Federation World Dairy Summit 2022 in Greater Noida, Modi underlined that the government has worked relentlessly to enhance the potential of India's dairy sector since 2014. "This has led to an increase in milk production thereby leading to an increase in the income of farmers."

"The potential of the dairy sector not only gives impetus to the rural economy, but is also a major source of livelihood for crores of people across the world," he said.

The Prime Minister pointed out that unlike other developed countries of the world, the driving force of the dairy sector in India is small farmers. India's dairy sector is characterized by "production by masses" more than "mass production".

India is the largest milk-producing country on the basis of the efforts of these small farmers with one, two or three cattle, he said adding that the sector provides employment to more than 8 crore families in the country.

Explaining the second unique characteristic of the Indian dairy system, the Prime Minister reiterated that there is such a huge network of Dairy Cooperative in India, and one cannot find such an example in the whole world elsewhere.

Modi said that these dairy cooperatives collect milk twice a day from about two crore farmers in more than two lakh villages in the country and deliver it to the customers. He drew everyone's attention to the fact that there is no middleman in the entire process, and more than 70 per cent of the money that is received from the customers goes directly into the pockets of the farmers. "No other country has this ratio in the whole world."

He also underlined the efficiency of the digital system of payment in the dairy sector and said that it has many lessons for other countries.

## Organic dairy firm Akshayakalpa raises \$15 million to expand across India

SEP 11, 2022

<https://dairynews7x7.com/organic-dairy-firm-akshayakalpa-raises-15-million-to-expand/>



British  
International  
Investment

**A**kshayakalpa Organic, an organic dairy enterprise, said it is raising \$15 million in a Series B funding round from both existing and new investors.

British International Investment (BII), the UK's development finance institution, Rainmatter Foundation, and its existing investor Venture Dairy have joined the Series B financing. The funding would strengthen Akshayakalpa's efforts for promoting, and growing sustainable and regenerative farming while providing premium organic milk to its consumers.

Akshayakalpa plans to invest in Bengaluru, Chennai, and Hyderabad markets, and expand



into new geographies of Pune, Mumbai and Kochi. It plans to take its organic dairy products across the country.

“Over the last few years, consumers have become more conscious about living healthier lifestyles,” said Shashi Kumar, co-founder and CEO at Akshayakalpa Organic. “We will continue to serve more customers while deepening our efforts to create sustainable farming systems,” he added.

Veda Corporate Advisors was the exclusive financial advisor to Akshayakalpa and its shareholders. Before this, Akshayakalpa Organic raised Series A funding from Lok Capital and Venture Dairy in July 2019.

Akshayakalpa said it will be able to add more impetus to its farmer entrepreneurship initiatives. Founded by Dr GNS Reddy and Shashi Kumar, Akshayakalpa Organic is one of the biggest organic milk producers in the country. It has seen significant growth at a Compound Annual Growth Rate (CAGR) of 60 per cent in the last five years.

The firm works with over 750 farmer families. It supplies organic milk and milk products to 60,000+ consumers daily in Bengaluru, Hyderabad, and Chennai through its direct delivery platform. Its products are available across 2,000+ retail outlets and all the major e-commerce/quick commerce platforms.

“Our capital will support its (Akshayakalpa’s) expansion, increase productivity and improve income for farmers while also bringing sustainably farmed products directly to more consumers,” said Manav Bansal, managing director and head of India, BII.

Nithin Kamath, Founder and CEO of Zerodha and Rainmatter said the processes that Akshayakalpa have in place to ensure sustainable milk production and the support they offer to improve farmer livelihoods are impressive. Dr Trevor Tomkins, Founder of Venture Dairy, said the Indian Dairy industry is witnessing robust growth. “Organic products are in demand for their health attributes. We strongly support the company (Akshayakalpa) for the differences it is making,” said Tomkins.

## Flavoured milk is not milk but a drink containing milk. So pay 12% GST

SEP 11, 2022

<https://dairynews7x7.com/flavoured-milk-is-not-milk-but-a-drink-containing-milk-so-pay-12-gst/>



**A**s per the GST rules, there is no GST on fresh milk, pasteurised milk, curd and lassi. But if you buy flavoured milk, you pay GST of 12%. This is because flavoured milk “is not milk” but a beverage in which milk is a component.

You may have been counting your blessings all these years since you don’t pay GST on milk and lassi. Even flavoured lassi is out of the GST tax regime, so you might be wondering: why exactly do you pay GST on flavoured milk? Blame the ‘Authority for Advance Ruling’ or the AAR. Why is GST levied on flavoured milk? As per the GST rules, there is no GST on fresh milk, pasteurised milk, curd etc. If you buy curd, paneer, buttermilk and lassi in pre-packaged and pre-labelled forms, you pay 5% GST.

But if you buy flavoured milk, you pay GST of 12%. This is because flavoured milk “is not milk” but a beverage in which milk is a component.

Well, if that's the case you could argue that even flavoured lassi is a drink containing milk, so why should that not be taxed? You wouldn't argue that since why would you want to pay tax on something that's not taxable, and when the current situation only saves you money? But even if you don't question it, these weird rules do not make sense to the common man.

How did this argument begin?

1. GST rates and applicability depend on which category the final product is classified into. This classification is done after considering aspects like common parlance, end-use, components, technical specifications and constituents of the product.

2. In July 2021, Sampoorna Dairy and Agrotech applied to the AAR to understand GST liability on its products since Sampoorna manufactured and sold lassi in four flavours. In this case, the Authority for Advance Ruling (AAR) ruled that no GST should be levied on lassi or

curd. The AAR based its ruling after considering the main ingredients and the process of making the lassi.

3. But when Gujarat Cooperative Milk Marketing Federation Ltd applied for a similar clarification, the AAR classified that GST should be applicable to flavoured milk.

4. Then Vadilal Ice Cream approached the next higher authority, ie Appellate Authority for Advance Ruling (AAAR) for clarity on the matter.

5. Here, the AAAR confirmed AAR's ruling and said that flavoured milk should be charged GST at 12% because flavoured milk was not a 'natural form of milk' but was obtained after the application of specific processes on the milk. It seems like the AAR has considered the contents of the product instead of considering the common parlance.

So what now? Flavoured milk will cost you 12% GST. So if you are looking to save money, buy fresh milk and blend it with the flavors of your choice.

## All-time record: Milma sells 95L litres of milk during Onam

10th September 2022 02:24 AM

<https://www.newindianexpress.com/cities/thiruvananthapuram/2022/sep/10/all-time-record-milma-sells-95l-litres-of-milk-during-onam-2496590.html>



**T**HIRUVANANTHAPURAM: Milma registered an all-time record sale of around 95 lakh litres of milk this Onam. A total of 94,59,576 litres of milk was sold from September 4 to 7, which was 11% higher than the previous year. The milk cooperative sold over

35 lakh litres of milk on Thiruvonam day, on Thursday. Other dairy products also saw a record-high sale.

Milma also set an all-time high sale of curd at 11,30,545 kg, marking an increase of 18.26% compared to last year. On Thiruvonam day alone, 3,45,386 kg of curd was sold this year, an increase of 13.52% from the previous year. The company sold around eight lakh packets of 'palada payasam' mix during these days. Milma also distributed 50ml of ghee each to 87 lakh consumers through the Onam Kits supplied by Supplyco.

## Namakkal will get a dairy with a capacity to process two lakh litres of milk a day: L. Murugan

SEPTEMBER 09, 2022 20:00 IST

<https://www.thehindu.com/news/cities/Coimbatore/namakkal-will-get-a-dairy-with-a-capacity-to-process-two-lakh-litres-of-milk-a-day-l-murugan/article65871057.ece>

**U**nion Minister inaugurates photo exhibition in Namakkal  
Union Minister of State for Information and Broadcasting and Fisheries, Animal Husbandry, and Dairying L. Murugan inaugurated a five-day photo exhibition on the Unsung Heroes of the Indian Freedom Struggle here on Friday. The exhibition was organised at the centenary auditorium of the Government Higher Secondary School on Mohanur Road as part of the 75th Independence Day celebrations, Azadi Ka Amrit Mahotsav. After the inauguration, the Union Minister told reporters a dairy would be set up with a capacity to process two lakh litres of milk a day at ₹89 crore in Namakkal district. On behalf of the National Dairy Development Board, ₹64 crore was

sanctioned for the dairy on August 8, 2022. A letter was sent to the Ministry of Food Processing Industries seeking a ₹6.90-crore grant for the dairy, and that was in follow-up. The remaining ₹18 crore would be contributed by the Aavin Namakkal Union. For the dairy, preliminary works like identification of land and registration were completed. At present, eight acres had been identified for the dairy and five acres would be additionally acquired considering future expansion. The work on the dairy would start soon, and it would be completed in 18 months, Mr. Murugan added. District Collector Shreya P. Singh, Namakkal MP A.K.P. Chinraj and officials participated.

## PM to inaugurate IDF summit; India to showcase dairy co-op movement

September 9, 2022

<https://www.indiancooperative.com/dairy/pm-to-inaugurate-idf-summit-india-to-showcase-dairy-co-op-movement/>



**A**ddressing the media at the Constitution Club in Delhi on Thursday, Union Minister Parshottam Rupala said that Prime Minister Narendra Modi had consented to inaugurate the International Dairy Federation's World Summit slated from September 12-

15 in Greater Noida. The IDF is holding a conference in India after a gap of 48 years. Accompanied by NDDDB Chairman Meenesh Shah and the Chairman and DG of international dairy body IDF, Rupala said that the role of dairy in empowering people could be understood from the fact that PM Modi readily agreed to attend the event despite his tight schedule. "And the fact that this global event is taking place at a time when India is surging ahead in the global economy makes it all the more important", he underlined. Calling the Indian dairy co-op movement unique, Rupala said that it could be a lesson for

the world as it improves the lives of crores of people unlike that in the west. The Dairy co-op movement is empowering people and in the case of Amul, 85% profit is shared with farmers while for the rest of the dairy co-ops, the average is 75%, informed the Minister.



Later talking to the media NDDB Chairman Meenesh Shah said India accounts for 23 percent of global milk production bringing together 8 crore dairy farmers producing 210 MT annually. Offering a detailed comparison between Indian dairy farmers and that of their western cousins, Meenesh Shah said “if we have to learn from them, they also have quite a lot to learn from us”.

“Today our dairy industry is growing at 6%, while the global average is 2%; we are three times ahead of the rest of the world. The Indian dairy industry is also pushing the global rate”, said a proud Chairman underlining the role of the co-operative movement in the dairy sector. Besides Rupala and Shah, those present included Piercristiano Brazzale, President, International Dairy Federation (IDF), Ms Caroline Emond, Director General, IDF, Jatinder Nath Swain. The event is being coordinated by the Ministry and NDDB.

The event has received an overwhelming response from all across the world. Around 1500 participants from 50 countries have enrolled for participation in IDF WDS 2022. There are a sizeable number of registrations for physical participation from the United States of America, France, Germany, Canada, New Zealand and Belgium.

Main sponsors of the event are “AMUL (Gujarat Cooperative Milk Marketing Federation)” & “Nandini (Karnataka Milk Federation)”. The event is also sponsored by Mother Dairy, Delhi (MDFVPL), a wholly owned subsidiary company of NDDB.

A press release from NDDB reads “The World Dairy Summit will be a great opportunity for dairy farmers, leaders, experts, scientists, professionals, journalists and academics to learn, connect and get inspired. India’s success story will be shared with the world through the IDF World Dairy Summit, where we can see how dairy is an engine of development and women empowerment.”

Those likely to be present in the Summit include Union Cooperation Minister Amit Shah, Yogi Adityanath, Chief Minister of Uttar Pradesh and Bhupendrabhai Patel, Chief Minister of Gujarat. The summit will have 24 sessions centred around the theme “Dairy for Nutrition and Livelihood” covering different aspects of dairying. Three parallel technical sessions would be held for which more than 150 overseas and Indian speakers have been empanelled. A poster session is also being organized with the theme “Innovations across Dairy Value Chain – Aligning with UN SDGs”.

## Saras milk became expensive for the second time in 75 days

SEP 8, 2022

<https://dairynews7x7.com/saras-milk-became-expensive-for-the-second-time-in-75-days/>



**B**efore the arrival of the festive season, once again in Rajasthan, the general public is being hit by inflation. Ahead of the festival season, Saras Dairy has also given a big blow to its customers. After about two and a half months, the dairy has again increased the rates of milk. According to the information received, apart from the capital Jaipur, the people of Dausa will also get milk expensive. Jaipur District Milk Producers Cooperative Union Ltd. According to the orders issued by the Govt. However, there has been no change in the prices of curd, buttermilk-lassi. Let us inform that the rates have been increased in March, June and September this year.

Here will be the new prices

According to the orders, from this evening, a half liter pack of Saras Gold milk will be available for Rs 30 instead of Rs 29 and 1 liter pack for Rs 60 instead of 58. Similarly, a half liter pack of

standard (green pouch) milk will be available for Rs 27 instead of Rs 26 and a liter pack for Rs 54 instead of 52. A half liter pack of saras toned (blue pouch) milk will be available at the rate of Rs.24 instead of Rs.23 and Rs.48 per liter instead of Rs.46.

Half liter of DTM milk will be available at Rs 20 instead of 19, while a liter will be available at Rs 40 instead of 38. Cow's milk will be available for Rs 25 instead of a half liter pack of 24.

Price hike for the third time this year Jaipur Dairy is continuously increasing the prices. However, a few days after the rate hike in March, the hiked prices were withdrawn after the intervention of the Chief Minister. Jaipur Dairy has made milk costlier by Rs 2 per liter this year.

These are believed to be the main reasons for increasing the rate

It is believed that the main reason for increasing the rate is the bonus given to milk producers in the budget announcement. It is also being told that Jaipur Dairy has taken this decision to maintain the availability of milk in crisis due to lumpi virus. Through this decision, the dairy management is trying to woo the milk producers.

## How 'Operation Flood' helped in the evolution of the dairy sector In India?

SEP 8, 2022

<https://dairynews7x7.com/how-operation-flood-helped-in-the-evolution-of-the-dairy-sector-in-india/>



**T**he evolution of the dairy sector in India and the stellar role played by dairy cooperatives since the launch of Operation Flood form an integral part of the country's growth story as the country now is the largest producer of milk.

India contributes 21 per cent to global milk production. It is important to note that during the 1950s and 1960s the situation of India's dairy sector was radically different as it was a milk-deficit nation and depended more on imports. The country produced less than 21 million tonnes of milk per annum despite having the largest cattle population in the world and the sector was struggling to survive.

The annual compound growth rate in milk production during the first decade after independence was 1.64 per cent, which declined to 1.15 per cent during the 1960s, the Ministry of Fisheries, Animal Husbandry and Dairying said in an explainer on Wednesday.

In 1950-51, per capita consumption of milk in the country was only 124 grams per day. By 1970, this figure had dropped to 107 grams per day, one of the lowest in the world and well below the minimum recommended nutritional standards.

Then, following the visit of late Prime Minister Lal Bahadur Shastri to the Anand district of Gujarat in 1964, the National Dairy Development Board (NDDB) was created in 1965 with a mandate to support the creation of the 'Anand pattern' of dairy cooperatives across the country through the Operation Flood (OF) programme which was to be implemented in phases.

The 'Anand Pattern' was essentially a cooperative structure comprising village-level Dairy Cooperative Societies (DCSs), which promoted district-level unions, which in turn promoted state-level marketing federation. Starting in 1970, NDDB replicated the Anand Pattern cooperatives through the Op programme all over India. Verghese Kurien, widely renowned as the "Father of White Revolution" in India, was the first chairman of NDDB. Along with his team, Kurien commenced work on the launch of the project which envisaged the organisation of Anand-pattern cooperatives in milk sheds across the country from where liquid milk produced and procured by milk cooperatives would be transported to cities.

Following is how Operation Flood was implemented in various phases:

Phase I (1970-1980) was financed by the sale of skimmed milk powder and butter oil donated by the European Union (then the European Economic Community) through the World Food Programme.

Phase II (1981-1985) increased the milk sheds from 18 to 136; urban markets expanded the outlets for milk to 290. By the end of 1985, a self-sustaining system of 43,000 village cooperatives with 4,250,000 milk producers had been covered.

Phase III (1985-1996) enabled dairy cooperatives to expand and strengthen the infrastructure required to procure and market increasing volumes of milk. This phase added 30,000 new dairy cooperatives which led to a total of 73,000.

Operation Flood helped quality milk reach consumers across 700 towns and cities through a National Milk Grid. The programme also helped remove the need for middlemen, thereby reducing the seasonal price variations.

The cooperative structure made the whole exercise of production and distribution of milk and milk products economically viable for farmers to undertake on their own. It also ended India's dependence on imported milk solids.

Not only was the nation equipped to meet its local dairy needs but it also started exporting milk powder to many foreign countries. Genetic improvement of milking animals also increased due to cross-breeding. As the dairy industry modernised and expanded, around 10 million farmers started earning their income from dairy farming.

Over the past two decades, India's milk production has doubled. The credit also goes to a well-

known federation called 'Amul', which was created by 3.6 million milk producers in Gujarat. In order to improve the livelihood of the farmers, Amul also charted its journey on a similar path as 'Operation Flood'.

Dairy as an industry employs more than 80 million rural households with the majority being small and marginal farmers as well as the landless. The cooperative societies have not only made the farmers self-sufficient but have also broken the shackles of gender, caste, religion, and community. Women producers form the major workforce of the dairy sector in the country. The sector is an important job provider, especially for women, and plays a leading role in women's empowerment.

## PM Modi to Inaugurate World Dairy Summit in Greater Noida on Sept 12

SEP 7, 2022

<https://dairynews7x7.com/pm-modi-to-inaugurate-world-dairy-summit-in-greater-noida-on-sept-12/>



**P**rime Minister Narendra Modi is scheduled to visit Greater Noida, near Delhi, on September 12 to inaugurate World Dairy Summit 2022, officials said Tuesday. Uttar Pradesh Chief Minister Yogi Adityanath is also expected to reach Greater Noida on September 11 to review arrangements for the PM's visit, the officials said. The summit is scheduled to take place at the India Expo Centre and Mart in Greater Noida in UP's Gautam Buddh Nagar district, the local administration said in a statement.

"Keeping in view the September 12 VVIP programme, a site inspection of the venue was carried out by Police Commissioner Alok Singh, District Magistrate Suhas L Y, Meerut Divisional Commissioner Surendra Singh at the Expo Mart on Tuesday," it said.

"Necessary guidelines related to the event were issued on the spot to the officers concerned and a thorough site inspection from the point of view of security was done," it added. PM Modi is likely to inaugurate the World Dairy Summit

on September 12 while CM Adityanath is expected to reach Greater Noida a day ahead to review preparations, the administration said. During the site inspection, Joint Police Commissioner (Law and Order) Love Kumar, Additional District Magistrate (Administration) Nitin

Madan, and officers concerned of the expo centre, among others, were present, it added. The International Dairy Federation's World Dairy Summit is an annual meeting of the global dairy sector, bringing together approximately 1,500 participants from all over the world.

## Mother Dairy Cheese, Wavemaker, Momspresso organize Food Ka Buddy

SEP 7, 2022

<https://dairynews7x7.com/mother-dairy-cheese-wavemaker-india-momspresso-organize-food-ka-buddy-campaign/>



**M**other Dairy Cheese, in collaboration with Wavemaker India, conceptualized and organized the Cheesy Cook-Off with celebrity chef Ajay Chopra.

This event was an extension finale of the Food Ka Buddy Campaign, which featured online live sessions through Cheese Ki Paathshala. Momspresso was our trusted partner to bring this IP to life.

The objective was to highlight the nutritional value of cheese, as it often plays as a substitute ingredient in a child's diet (who are picky about eating).

To throw light on cheese and its health benefits, an exclusive session was also organised with Nutritionist Vandana Verma during the finale. She stressed on the importance of overall nutrition and a balanced diet, and milk benefits followed by the importance of cheese and the nutrient punch it supplies in a child's diet.

It was an interactive session wherein she addressed the parents' concerns regarding their children's diet, how to deal with picky eaters and the overall constituents of a healthy diet.

She said, "Cheese is high in nutrients such as protein and calcium, which are important elements in a child's diet. Adding it to your dishes not only improves the taste but when consumed in moderation, is also healthy for you." When it came to how to incorporate cheese into their children's dishes, the parents were guided by Chef Ajay Chopra. On the menu for the day were Nutella Cheese Pancakes and Cheesy Sandizaa made from Mother Dairy Cheese. Keeping up with the spirit of the event, Chef Chopra's sons, Ashish and Akshat Chopra took to the stage to cook up some delicious dishes, along with the parents and their children.

Chef Ajay Chopra was quoted as saying, "It's amazing to see the kids take an interest in cooking. And with the parents chipping in, it's truly a perfect picture of teamwork. This activity not only gives an opportunity for children to get live exposure to preparing the dishes but allows them to bond with their parents."

He also went around tasting the dishes made by all the participants and after a healthy round of tasting, Arush Gupta and his mother, Richa Gupta were declared the winners of the Cheesy Cook-Off.

A Mother Dairy spokesperson said, "This campaign in particular, has been testament to the fact that Mother Dairy Cheese with its great taste and creamy soft texture lends itself well to



be used in a variety of foods – including snacks, international and Indian cuisines – offering the right blend of taste and nutrition. It was indeed heartening to see our patrons showcasing their

culinary skills along-with their little ones. We thank everyone for their involvement and participation, thereby curating an experiential initiative full of learning and fun.”

## Fast-spreading lumpy disease hits milk output

SEP 7, 2022

<https://dairynews7x7.com/fast-spreading-lumpy-disease-hits-milk-output/>



**T**he fresh wave of viral infection of Lumpy skin disease (LSD) in cattle has spread to newer geographical areas of Maharashtra and Madhya Pradesh, while eight other States continue to grapple with the outbreak that is also impacting the milk production.

The latest reports from Indore district, Madhya Pradesh, suggested LSD-like symptoms in a few cattle, while Maharashtra on Monday reported loss of at least 22 cattle heads in the past one month.

The disease has spread to 13 districts of Vidarbha and Marathwada regions of the State. The worst-hit States are Rajasthan and Gujarat, where the disease has spread to over two dozen districts each.

In Gujarat, the official data show total infected animals at about 1.45 lakh, of which 1.16 lakh have been treated and 5,200 cattle have succumbed to the disease since the outbreak started in April-May.

“The situation is under control. The vaccination is progressing at a rapid pace,” informed a senior official at the Gujarat Animal Husbandry Department. The daily new LSD cases in the State hover at around 1,500-2,000.

Rajasthan has suffered bigger loss of cattle heads, estimated to be more than 10,000 since the outbreak.

### Milk collection down

The daily milk collection has already decreased by 3-5 per cent in various pockets, which shows the disease’s impact on production.

“Once infected, the animals catch temperature, which affects the milk output. So there is naturally some impact on milk production due to the outbreak,” said an official.

The disease is of high economic importance as it causes reduction in milk yield (up to 65 per cent during acute phase and 35 per cent after recovery), abortion, infertility, lameness and rarely, death (1-5 per cent).

### Preventive measures

In Punjab, the reports indicated that the farmer bodies have raised the concerns on the fast spreading infection and asked the Centre to declare the disease as an epidemic. In Haryana, too, the infection has raised alarms as the Gurugram administration last month banned transport of cattle.

In Jammu and Kashmir region, more than 5,000 animals are said to be showing symptoms. “The infection is not spreading very fast. And we have already implemented the containment measures. There are suspected cases and we are attending to it,” said a senior official of Animal Husbandry Department in Jammu.

## AAC Havelian Seals Two Shops For Selling Adulterated Milk

September 08, 2022

<https://www.urdupoint.com/en/pakistan/aac-havelian-seals-two-shops-for-selling-adul-1559676.html>



**H**AVELIAN, (UrduPoint / Pakistan Point News - 8th Sep, 2022 ) :District administration Abbottabad while taking notice of milk adulteration sealed two dairy milk shops in Tehsil Havelian and a huge quantity of milk was discarded.

According to the details, on behalf of the district administration, Additional Assistant Commissioner Havelian Lubna Iqbal alongwith Livestock Specialist Dr. Sajjad took the milk samples from various dairy milk shops

in Havelian city and Sultanpur through a mobile lab and analyzed them on the spot. They found that the milk was adulterated with a mixture of chemicals and water moreover the shops were also found unhygienic and lack of cleanliness.

The AAC Havelian Lubna Iqbal sealed two shops for selling substandard and adulterated milk while a large quantity of milk was wasted and chemicals used in the preparation of milk were taken into custody. After registering a case against both shopkeepers legal action has been initiated.

The AAC Havelian requested the masses to inform your opinion regarding the quality of food items, especially milk, juices, water, ghee and other liquids at the District Control Room 09929310553 so that by making it possible to analyze the liquids on the spot through the modern mobile lab, those who play with precious human lives should be punished.

## PM Modi to Inaugurate World Dairy Summit in Greater Noida on Sept 12

SEPTEMBER 06, 2022, 23:22 IST

<https://www.news18.com/news/india/pm-modi-to-inaugurate-world-dairy-summit-in-greater-noida-on-sept-12-5904451.html>



Prime Minister Narendra Modi is scheduled to visit Greater Noida, near Delhi, on September

**P**12 to inaugurate World Dairy Summit 2022, officials said Tuesday. Uttar Pradesh Chief Minister Yogi Adityanath is also expected to reach Greater Noida on September 11 to review arrangements for the PM's visit, the officials said. The summit is scheduled to take place at the India Expo Centre and Mart in Greater Noida in UP's Gautam Buddha Nagar district, the local administration said in a statement.

"Keeping in view the September 12 VVIP programme, a site inspection of the venue was carried out by Police Commissioner Alok Singh, District Magistrate Suhas L Y, Meerut Divisional Commissioner Surendra Singh at the Expo Mart on Tuesday," it said.

"Necessary guidelines related to the event were issued on the spot to the officers concerned and a thorough site inspection from the point of view of security was done," it added. PM Modi is likely to inaugurate the World Dairy Summit

on September 12 while CM Adityanath is expected to reach Greater Noida a day ahead to review preparations, the administration said. During the site inspection, Joint Police Commissioner (Law and Order) Love Kumar, Additional District Magistrate (Administration) Nitin Madan, and officers concerned of the expo centre, among others, were present, it added. The International Dairy Federation's World Dairy Summit is an annual meeting of the global dairy sector, bringing together approximately 1,500 participants from all over the world.

### 33% Indian households cut milk consumption amid price rise:Survey

SEP 5, 2022

<https://dairynews7x7.com/33-indian-households-cut-milk-consumption-amid-price-rise-survey/>



**L**ocalCircles — a community social media platform — conducted a survey to gather information on how the households are coping with it. Rising prices of milk has led to one in three Indian households either downgrading brand or reducing consumption, says a survey.

Amid complaints on rising milk prices, LocalCircles — a community social media platform —, conducted a survey to gather information on how the households are coping with it.

The survey, which covered 311 districts across the country, received over 21,000 responses of which 69 per cent were from men. Forty-one per cent of the respondents were from tier 1, 34 per cent from tier 2 and 25 per cent were from tier 3, 4 and rural districts.

In most Indian households, milk and milk products — curd, butter, ghee, buttermilk, etc., are among the most consumed food items. India is not only the largest milk producer but also the

largest consumer of milk and milk products according to the United States Department of Agriculture (USDA) "Dairy and Products Annual — 2021" report.

For the Indian consumers already struggling in a high food inflation scenario, which seemed to be improving, according to the last government data, an increase in milk prices by Rs 2 per litre from August 17 by most milk cooperatives is bad news. More so, since the leading milk and milk products brands like Amul had earlier in March raised the prices by Rs 2 per litre.

On coping with the price hike, 68 per cent of the consumers agreed to paying more for the same quantity and brand", while 6 per cent of the 10,685 have switched to a lower cost brand or local supply source. Another 4 four per cent have switched to a cheaper alternative of the same brand that they had been buying earlier. Though no respondent admitted to discontinuing buying milk, 20 per cent respondents admitted to "reducing the quantity".

LocalCircles also attempted to understand how people were buying milk. To the question, "what is the type of milk that you purchase for majority of your household consumption"

found that 72 per cent out of the 10,522 respondents were buying milk packaged in plastic pouches of 500 ml or 1 litre, 12 per cent were buying bottled milk from local farms or bottling units, while 14 per cent consumers are buying

unpackaged milk from local vendors. Only 2 per cent were buying tetra pack milk with longer shelf life, possibly because they are more expensive compared to milk packaged in pouches.

## Milk testing lab at Walayar opened

SEPTEMBER 03, 2022 20:06 IST

<https://www.thehindu.com/news/national/kerala/milk-testing-lab-at-walayar-opened/article65845750.ece>

**T**he Dairy Development department on Saturday opened a temporary milk testing laboratory at Walayar border check post as part of enhanced vigil against the distribution of adulterated milk during Onam celebrations in the State.

Lakhs of litres of milk is flowing into Kerala as the demand for milk has increased manifold during the festival season. Dairy Development authorities are worried that the milk that flow into Kerala from Tamil Nadu might be of inferior quality and sometimes adulterated.

A. Prabhakaran, MLA, inaugurated the milk testing laboratory at Walayar on Saturday. The lab

will be functional round-the-clock until September 7.

Delivering an introductory speech, Dairy Development department Deputy Director J.S. Jayasujeesh said that apart from setting up a temporary testing unit at Walayar, the department strengthened the vigil at Meenakshipuram check post, the main entry point for Tamil Nadu milk tankers to Kerala.

Pudussery panchayat president N. Praseeta presided over the function. Block panchayat member K. Sundari, Dairy Development department district quality control officer Femi V. Mathew, and assistant director N. Bindu spoke.

## Indians cut down on milk purchases or switch to cheaper options as price rise, finds survey

3 September, 2022 11:52 am IST

<https://theprint.in/india/indians-cut-down-on-milk-purchases-or-switch-to-cheaper-options-as-price-rise-finds-survey/1113833/>



**N**ew Delhi: One in three households in the country have cut down on the purchase of milk or switched to cheaper alternatives after the rise in the price of dairy products two weeks ago, a survey has found. The poll, conducted by community social media platform LocalCircles, showed that 6 per cent of all the respondents have “switched to a lower cost brand or local supply source”, while another 4 per cent have moved to a cheaper alternative of the same brand. However, one in five respondents have cut down on the quantity of milk they bought, after the price rise.

The survey also indicated that 68 per cent — out of 10,685 consumers — continue to buy the “same quantity and brand” of milk by paying the increased amount.

The findings come after dairy brands, including leading milk suppliers like Amul and Mother Dairy, had increased the price of their milk by Rs 2 per litre on 17 August.

The Gujarat Cooperative Milk Marketing Federation (GCMMF), which sells milk and milk products under the brand name ‘Amul’, had said the price rise was done due to an increase in the “overall cost of operation and production” of milk.

“The cattle feeding cost alone has increased to approximately 20 per cent compared to last year. Considering the rise in input costs, our member unions have also increased farmers’ prices in the range of 8-9 per cent over previous year,” the GCMMF said in a statement on 17 August, after the price hike.

Type of milk

While trying to understand the type of milk households mostly buy, the community platform asked its respondents “what is the type of milk that you purchase for the majority of your household consumption”.

The poll found that out of the 10,522 respondents, only 2 per cent were buying tetra packs — which have a longer shelf life and are more expensive. However, a staggering 72 per cent of respondents bought milk packaged in plastic pouches.

Only 26 per cent of the respondents relied either on bottled milk from local farms/bottling units or unpackaged milk from local vendors. The poll received 21,000 responses from over 311 districts: 69 per cent of the respondents were men while 31 per cent were women.

## Price of Vijaya milk hiked by Rs 4 per litre

SEP 3, 2022

<https://dairynews7x7.com/price-of-vijaya-milk-hiked-by-rs-4-per-litre/>



A half-litre packet of double toned milk will now cost Rs 26 from the earlier Rs 24; half litre of toned milk has been increased from Rs 26 to Rs 28 while that of whole milk is now Rs 35 (Rs 34), half litre of cow milk has gone up from Rs 26 to Rs 28 while that of standardized milk is at Rs 30 (Rs 28). For the second time in six months, the Telangana State Dairy Development Cooperative Federation Limited. (TSDDCF) has increased the price of Vijaya Milk. Effective from Thursday, a litre of toned milk is priced at Rs 55 per, a straight Rs 4 hike.

In a release here, the federation pointed out that it has increased prices of all milk related products. According to the animal husbandry dairy development and fisheries department's latest report, the TSDDCF sells nearly 3.2 lakh litres of Vijaya milk every day.

Following the revision, a family which consumes one litre of milk will have to shell out an additional Rs 120 every month hereafter.

Deccan Chronicle tried in vain to speak to the federation general managers regarding the hike. However, an insider said that as the position of its managing director has been vacant, officials are hesitant to comment on the hike. Pampari Shanker, a milk vendor, said, "Each day I supply around 200 litres of milk in various colonies. Most of my customers are fuming at the overnight increase in price," he said.

## Upcoming 'flush' season holds the key to cooling milk prices – CEO Jersey

SEP 3, 2022

<https://dairynews7x7.com/upcoming-flush-season-holds-the-key-to-cooling-milk-prices-ceo-jersey/>



Indian dairy and cattle farmers have been barely recovering their input costs this year, thanks to the increase in fodder and fertiliser prices. As a result, dairy manufacturers have resorted to several price hikes. The flush season, or the period when milk production is high, will play a key role in moderating the prices of milk and dairy products. The flush season starts in September and ends in March.

While there's no clarity on how much the prices will ease from a high base, Bhupendra Suri, CEO of Godrej Jersey, says the flush season will give some relief.

"Around September, October, there is a flush. The cows have more carbs and they have more milk coming. And because of the supply-demand equation, there is some fall in prices, which should give some relief to dairy margins. But we don't know for sure how much the flush will be and whether the prices will fall less or more. Those are still very open questions," Suri told Business Insider India.

The changes in prices, Suri said, should reflect in October if other macroeconomic factors remain stable.

“Rainfall has an impact on overall milk production and then there’s a lumpy cow disease in Gujarat which has created a severe shortage of milk. So we will see in the months to come. And the margins of the industry will be a big question,” said Suri.

The lumpy skin disease has affected 11.2-lakh cattle, including 49,682 deaths, in 165 districts. The UN’s Food and Agriculture Organisation (FAO) has described it as “a vector-borne pox disease” that is “characterised by the appearance of skin nodules.”

‘Procurement prices at unimagined levels’

The farm prices of raw milk have increased by about 10-11% in the last six months. This has led to three subsequent increases in consumer prices too.

Suri said that in the commodity market, milk margins have always been tight. This year, it has touched a new high.

“There’s massive inflation in the environment, a never-seen-before inflation. Milk procurement prices are at numbers that are unheard of and unimagined. Ukraine has had an impact on everything. So multiple things are leading to a huge inflationary run on the procurement costs and all the other costs to run the business,” said Suri.

The only silver lining, Suri said, is that volumes have gone up. Due to the surge in milk prices, consumers have either moved to cheaper options or are buying smaller packs more frequently.

“I would say [volume increase] is a drop in the ocean compared to the inflationary pressure,” added Suri.

Godrej Jersey generated a revenue of about ₹12 billion in the financial year 2022. Earlier called Creamline Dairy Products, the company was acquired by Godrej Agrovet in 2015.

Value-added products save the day

As margins narrow, the Southern India-focused Godrej Jersey has been milking the high demand for value-added products such as curd, buttermilk, ghee, lassi, flavoured milk, etc. It has witnessed over 69% year-on-year growth due to value-added products in its portfolio.

“The growth rate for at least the value-added products will be a super-high double digit level, and milk will also show some decent growth, largely because every piece of the market that was shut down is opening up. The problem which we will be facing is in the margin,” said Suri.

Milk occupies 70-80% of the market consumption share of the overall dairy industry, as per Suri. Of the rest, curd makes up 10-12% and newer products such as flavoured milk and yoghurt take up the remaining share.

Due to value-added products’ extended shelf life, Godrej Jersey has been focusing on expanding its presence across the country. Currently, it has a strong presence in South India.

As a part of its expansion plan, Godrej Jersey recently invested ₹20 crore in a milk processing plant in Keshavaram, Telangana. It has the capacity to make 20,000 litres per day and will be soon increasing it to 70,000 litres of milk per day.

## 33% Indian households cut milk consumption amid price rise concerns: Survey

September 3, 2022 14:20 IST

[https://www.business-standard.com/article/current-affairs/33-indian-households-cut-milk-consumption-amid-price-rise-concerns-survey-122090300398\\_1.html](https://www.business-standard.com/article/current-affairs/33-indian-households-cut-milk-consumption-amid-price-rise-concerns-survey-122090300398_1.html)

**R**ising prices of milk has led to one in three Indian households either downgrading brand or reducing consumption, says a survey.

Amid complaints on rising milk prices, LocalCircles -- a community social media platform --, conducted a survey to gather information on how the households are coping with it.

The survey, which covered 311 districts across the country, received over 21,000 responses of which 69 per cent were from men. Forty-one per cent of the respondents were from tier 1, 34 per cent from tier 2 and 25 per cent were from tier 3, 4 and rural districts.

In most Indian households, milk and milk products - curd, butter, ghee, buttermilk, etc., are among the most consumed food items. India is not only the largest milk producer but also the largest consumer of milk and milk products according to the United States Department of Agriculture (USDA) "Dairy and Products Annual - 2021" report.

For the Indian consumers already struggling in a high food inflation scenario, which seemed to be improving, according to the last government data, an increase in milk prices by Rs 2 per litre from August 17 by most milk cooperatives is

bad news. More so, since the leading milk and milk products brands like Amul had earlier in March raised the prices by Rs 2 per litre.

On coping with the price hike, 68 per cent of the consumers agreed to paying more for the same quantity and brand", while 6 per cent of the 10,685 have switched to a lower cost brand or local supply source. Another 4 four per cent have switched to a cheaper alternative of the same brand that they had been buying earlier. Though no respondent admitted to discontinuing buying milk, 20 per cent respondents admitted to "reducing the quantity".

LocalCircles also attempted to understand how people were buying milk. To the question, "what is the type of milk that you purchase for majority of your household consumption" found that 72 per cent out of the 10,522 respondents were buying milk packaged in plastic pouches of 500 ml or 1 litre, 12 per cent were buying bottled milk from local farms or bottling units, while 14 per cent consumers are buying unpackaged milk from local vendors. Only 2 per cent were buying tetra pack milk with longer shelf life, possibly because they are more expensive compared to milk packaged in pouches.

## A2 Milk Company Provilac Expands Its Footprint to Hyderabad

Sep 02, 2022, 16:16 IST

<https://english.sakshi.com/news/business/a2-milk-company-provilac-expands-its-footprint-hyderabad-160394>

**H**yderabad: One of the fastest-growing neo-age premium milk delivery firms in India, has expanded its presence in the southern Indian market. It's a part of strategic expansion planned by the brand to amplify its footprint in the southern part of the country. With expansion to Hyderabad, Provilac is looking forward to catapulting its daily milk delivery

volume by approx. 20,000 units within the coming financial year.

Provilac's current annual turnover is 50 Cr, and with this expansion, the brand plans to expand it to an extra 30-35 Cr. As the brand slowly enters new geographies, Provilac's presence and footprint will get even stronger. Provilac's expertise lies in the daily delivery of premium



quality farm fresh milk, which is free from hormones & antibiotics, thus ensuring the safety & wellbeing of the user. All Provilac milks & milk products are milked and packaged in accordance with the highest standards of health and hygiene.

Mr. Siddharth Runwal, CEO of Provilac, said, "We have a robust expansion plan, and we are aggressively advancing in the marketplaces of south India, such as Hyderabad. Our last expansion to the Mumbai households has steadied us with approx. 25000 household daily deliveries and we plan to add approximately 20,000 more families in Hyderabad. Our goal is to provide consumers with the opportunity to experience a variety of high-quality specialized milks and dairy products."

Since its inception, the company has grown and established a reputation for fresh and pure dairy products. The consistent supplies of fresh milk, product developments, and consumer-centric services have all contributed to the brand's expanding success. Provilac specializes in home delivery of premium quality milks & Milk products including A2 milk sourced from traditionally reared Gir cows, our latest development lactose-free fresh milk & variety of regular milk. Delivered to the customer households within 12-24 hours of milking, the milk remains how nature intended it to be. Such purity and freshness make the product line a popular name in Mumbai and Pune households.

## Set up joint dairy waste management facilities, NGT tells Chandigarh, Punjab

Sep 01, 2022 08:19 AM (IST)

<https://www.tribuneindia.com/news/chandigarh/set-up-joint-dairy-waste-mgmt-facilities-ngt-tells-chandigarh-punjab-427373>



**T**he National Green Tribunal (NGT) has asked the UT Administration and Punjab Government to jointly set up waste management facilities for disposal of dairy waste.

On a report submitted by the UT Administration on the compliance of solid waste and sewage management, the NGT observed: "The operation of dairies and their waste management also need to be looked into and if found viable, Chandigarh and Punjab may set up joint dairy

waste management facilities on a pro-rata cost-sharing basis. This needs to be done in a time-bound manner."

In its report, the UT submitted estimated sewage generation in the city was 220 minimal liquid discharge (MLD), while the treatment capacity of the sewage treatment plants (STPs) in the city was 42.63 MLD. With the present utilisation capacity of the STPs at 216.75 MLD, there was a gap of 3.25 MLD in treatment of the total sewage generated. The administration further stated nearly 36-45 MLD of treated water was being used by the Municipal Corporation for agriculture or horticulture purposes.

On this, the green tribunal observed the treated sewage needed to be duly utilised. As per data furnished, only 36-45 MLD out of 220 MLD was being used for horticulture/agriculture purpose. The waste water after treatment at the tertiary level might be utilised appropriately such as for

filling up the lakes in Sector 42 and Dhanas during the dry/summer period, subject to not causing odour problem.

Further, utilisation potential could be explored by possible tie-ups with the railway station, bus stand, power plants or any other such establishments and construction activities in and around Chandigarh.

“The treated sewage may be insisted for use by industries, discouraging them to use ground and surface water. The Chandigarh Pollution Control Committee and Municipal Corporation need to jointly work out a plan to this effect in next three months.”

On solid waste, the UT submitted that nearly 550 tonne per day (TDP) solid waste, including 350 TDP wet waste and 200 TDP dry waste, was being generated in the city.

However, only 120 TDP of the total wet waste was being processed and there was a gap of 430 TDP in generation and processing of the waste, which was being disposed of in landfills.

On the data presented by the administration, the tribunal observed the gap showed waste processing facilities were inadequate to process biodegradable (wet) and non-biodegradable (dry and recyclable) waste.

Steps were proposed to bridge the gap by way of setting up/augmentation and/or retrofitting

of bio-methanation plant, compost plant, horticulture waste processing and waste-to-energy plants.

Further, there was no provision for authorised facilities for plastic waste recycling. The capacity of plants needed to be adequately increased.

There was need to consider de-centralised waste processing plants/organic waste converter at appropriate locations coupled with waste segregation at source without causing any environmental nuisance. Compost produced at individual and community level and its usage and linkages of micro composting facilities (MCFs) with end users/processors needed to be monitored, ordered the tribunal.

Key observations by green panel

Chandigarh and Punjab may set up joint dairy waste management facilities on a pro-rata cost-sharing basis in a time-bound manner

Treated sewage needed to be utilised; industries be discouraged to use ground/surface water and asked to switch to treated sewage  
Chandigarh Pollution Control Committee and MC need to jointly work out a plan to this effect in next three months

Set up/augment bio-methanation plant, compost plant, horticulture waste processing and waste-to-energy plants

## MilkyMist launches Skyr : An Icelandic High protein Yogurt range

SEP 1, 2022

<https://dairynews7x7.com/milkyMist-launches-skyr-an-icelandic-high-protein-yogurt-range/>



**M**ilky Mist always emphasizes on introducing process technology, new product lines and state of the art machinery along with ESG activities. Milky Mist has commissioned state of the art Dairy plant in 2019 with a capacity to handle a million LPD. Milky Mist is also setting up a new facility with an investment outlay of Rs.500 crores for UHT Milk, Ice Cream, Chocolates, etc.

As part of extension of our dairy portfolio Milky Mist has recently commissioned state of the art Cream Cheese manufacturing plant from Holland. The plant has the capability of producing different types of speciality value added products such as Cream Cheese, Skyr and different types of Yogurts using ultra filtration technology. As the demand for dairy products, particularly protein-based food such as natural cheese, paneer and yogurt was growing steadily post COVID in view of healthy dietary pattern, Milky Mist has explored the possibility of developing high protein yogurts.

We did extensive study in Europe where Skyr is one of the popular dairy product with a protein

content ranging from 11% to 16%. Skyr, originally from Iceland, became very popular in other European countries becoming a staple food to meet protein needs of the consumers. Since Milky Mist has the technology, we have done extensive R&D work and developed Skyr, with 11% protein- equivalent to more than two glasses of milk.

Skyr is made from natural process not substituted with milk proteins and any other ingredients. The product is available in 100 gms & 250 gms pack sizes. The product has been launched recently in metro cities like Chennai, Bangalore and Cochin. Skyr has a tremendous potential to become a popular product because of its high protein content in its natural form and free of any preservative. As majority of Indian consumers are vegetarians, their protein requirements have to be either from paneer or pulses.

Skyr with 11% protein will become natural choice to meet their needs. Skyr is superior than any other yogurts currently available in the market. Milky Mist is the first mover in this product category in Indian Dairy sector and create new category of product.

Milky Mist also plans to launch Greek Yogurt within a short period using the same UF technology. Thus, the product portfolio of Yogurt will have normal/ regular fruit based Yogurt with 3% protein; Greek Yogurt with 6% to 7% protein and Skyr with 11% protein content encompassing all ranges where the consumers can buy according to their preference and indulge in.

## Vijaya Dairy hikes milk procurement prices to ryots

SEP 1, 2022

<https://dairynews7x7.com/vijaya-dairy-hikes-milk-procurement-prices-to-ryots/>



**I**n good news for farmers, Vijaya Dairy enhanced the procurement price of milk on Monday. The buffalo milk procurement price was raised from Rs 46.69 to Rs 49.40 per litre and cow milk from Rs 33.75 to Rs 38.75 per litre. The new rates will be applicable from September 1.

Animal Husbandry Minister Talasani Srinivas Yadav announced this at a meeting held with farmers at Rajendra Nagar on Monday. He also announced the enhancement of the maintenance expenses for societies from the present

Rs 1.25 to Rs 2 in the monsoon season and from Rs 1.50 to Rs 2.25 in summer. The additional financial burden on Vijaya Dairy would be Rs 1.42 crore every month, the Minister said. Special initiatives

He recalled that the State government, in order to encourage milk production in the State, was providing buffaloes with a 75 per cent subsidy to SCs and STs and on 50 per cent subsidy to others. The government is also paying Rs 4 per litre as an incentive for the milk supplied to Vijaya Dairy. The government also provides free vaccination and medicines and launched mobile veterinary clinics. Vijaya Dairy, which was launched in undivided Andhra Pradesh, now achieved Rs 800 crore turnover, Srinivas Yadav said.

## 11.2-lakh cattle across 12 states in lumpy skin grip: Sanjeev Balyan

SEP 1, 2022

<https://dairynews7x7.com/11-2-lakh-cattle-across-12-statesin-lumpy-skin-grip-sanjeev-balyan/>



**T**he lumpy skin disease (LSD) has affected 11.2-lakh cattle, including 49,682 deaths, in 165 districts across a dozen states and Union Territories in the country till August 30 this year, Union Minister of State for Fisheries, Animal Husbandry and Dairying Sanjeev Kumar Balyan said on Wednesday. The LSD cases this year were reported from Andaman & Nicobar islands, Gujarat, Himachal Pradesh, Punjab, Rajasthan, Uttarakhand,

Madhya Pradesh, Jammu & Kashmir, Uttar Pradesh, Haryana, Maharashtra and Goa, Balyan told The Indian Express, adding Rajasthan, Gujarat and Haryana were the worst affected states. Sharing details of the steps taken to contain the spread of the disease, Balyan said goat pox vaccine is being administered to check the spread of the disease in several states, including Gujarat, Punjab, Rajasthan, Uttarakhand, Jammu and Kashmir, Uttar Pradesh and Maharashtra. Balyan said that around 25-lakh doses of goat pox vaccine are available and the manufacturing companies have been asked to increase the production. As of now, about one crore doses of the goat pox vaccine are required, Balyan said,

adding that the Central government has floated tender for procuring more vaccine doses. Balyan said that the Indian Immunologicals Limited (IIL), a subsidiary of National Dairy Development Board, and a Gujarat-based private firm Hester are the two vaccine manufacturers and both have been asked to increase their production of the goat pox vaccine. Besides, a control room has been set up at the ministry to monitor the situation and the Centre is providing all possible help to the states, he said, adding that the disease will be controlled soon. Meanwhile, sources in the ministry said that a fresh case has been reported from Andhra Pradesh even as new cases are on a decline.

#### ADVERTISEMENT

Sources said that about 68-lakh goat pox vaccine doses have been administered till date across the country, 50.99 lakh in Gujarat, 5.94 lakh in Punjab, 4.74 lakh in Haryana, and about 3.91 lakh in Rajasthan.

Earlier on August 10, Agriculture Minister Narendra Singh Tomar had launched the indigenous vaccine Lumpi-ProVaInd to “protect” livestock from lumpy skin disease. This vaccine has been developed by the National Equine Research Center, Hisar (Haryana), in collaboration with the Indian Veterinary Research Institute, Izzatnagar (Bareilly).

## Global News

### Animal ID and Actionable Data Go Hand in Hand

September 13, 2022

<https://www.dairyherd.com/news/education/animal-id-and-actionable-data-go-hand-hand>

In the late 1980's – only 30 or so years ago – a leading livestock identification company had a “major product launch” for a new marking pen. The ink would penetrate deep into the plastic tag, making the ID number “more permanent.” Prior to that point, producers used Marks-A-Lots and Sharpies that would last, maybe, for a year or so. For real permanence, we used a metal tag with a chiseled or stamped number, although they could wear out in time as well.

Fast forward through marking foils, inkjet and, ultimately, laser marking, the industry finally had tools to become proficient at animal identification. Market conditions – particularly the BSE issue in the UK and Europe, and the move toward full traceability in those markets – only served to accelerate this evolution. Laser-engraved barcodes were the first step toward automated ID capture – and soon thereafter, RFID (Radio Frequency Identification) took it one step further. National systems in countries such as Australia and Canada made RFID a cornerstone technology, and producers came face-to-face with a new technology on the farm that begged the question, “what else can I do with this”? Important tasks, such as automated sorting, feed monitoring and milk recording on dairies all came to the forefront as producers saw new and creative ways to create value through this new technology.

That's not to say it's all about identification technology and proficiency – it is not. Data – more specifically, actionable data – emerged, and systems (database-centric system) to house this data, find correlations and optimize value came to the forefront. Age, source and attribute-verified systems allowed producers, from small operations to large, to produce what the

market was asking for, and to get paid a premium for doing so. The underlying technology – RFID – be it low frequency, ultra-high frequency or anything in between, continued to evolve as well to meet producer's specific wants and needs – and will continue to do so, perhaps even toward newer technologies, such as retinal scanning, facial and body scanning, or other biometrics.

Proficiency is not a goal to be reached – it is an aspirational state that demands we make the most of the technologies and capabilities of all market participants. It has not only allowed us to identify and trace animals, but now, through the additive use of accelerometers, temperature sensors, ultrasound measurements, genomic test data and so much more, we are becoming far more knowledgeable about the well-being of the animals in our care, and how to optimize health as well as value. Today we see – and can manage – correlation between activity and pregnancy, stress and production, feed inputs and health and, ultimately, management actions and desired outcomes. As the dataset gets richer, so does our knowledge and our capabilities.

As we optimize production systems in our livestock operations, we still, in the U.S, wrestle with the value of using the underlying tools for traceability for disease monitoring and management. It's a big topic, and one the industry has wrestled with for decades. In the early 1990s the Livestock Conservation Institute (predecessor to today's National Institute for Animal Agriculture), established it's first “ID Committee,” which attracted a small group looking to learn how to use much of this emerging technology. We've watched other nation's build national traceability systems, and then use our lack of

such as a 'non-tariff trade barrier.' Today, we still struggle with 'if' we want or need such a traceability system – and the answer remains in the hands of an industry that remains divided on that question. What is not in question, however, is whether we have the capability to have such a system – we absolutely do – and we are capable of using the core technologies that can make it happen.

In the end, it's about optimizing every element of our vast animal agriculture industry to benefit the consumer, the producers and the animals

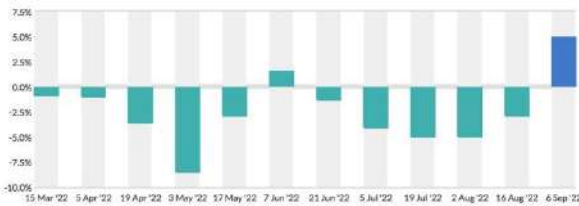
in our care. Identification might seem like a small piece of this puzzle, but you cannot optimize what you cannot manage, you cannot manage what you cannot measure and you cannot measure what you cannot identify. Today, we can do all of this – and that's true proficiency and sustainability. And we're only getting started ... and through continued innovation at every level, we're only getting better.

## Dairy prices rise, volumes fall at auction- GDT events

SEP 8, 2022

<https://dairynews7x7.com/dairy-prices-rise-volumes-fall-at-auction-gdt-events/>

Change in GDT Price Index



**I**nternational milk prices rose, while volumes fell in this month's first Global Dairy Trade auction held by GDT Events.

The GDT Price Index gained 4.9%, with an average selling price of \$4,007 per tonne, in the auction held on Tuesday.

The index fell 2.9% at the previous sale, according to GDT Events.



Global Dairy Trade Sep 06 2022 auction results

A total of 27,127 tonnes was sold at the latest auction, down about 10.5% from the previous one, the auction platform said on its website ( [www.globaldairytrade.info](http://www.globaldairytrade.info) ).

The auctions are held twice a month, with the next one scheduled for Sept. 20.

The auction results can affect the New Zealand dollar as the dairy sector generates more than 7% of the nation's gross domestic product. The New Zealand milk co-operative, which is owned by about 10,500 farmers, controls nearly a third of the world dairy trade.

GDT Events is owned by New Zealand's Fonterra Co-operative Group Ltd, but operates independently from the dairy giant. U.S.-listed CRA International Inc is the trading manager for the twice-monthly Global Dairy Trade auction.

## Dairy farmers boosted by record-high payments for milk

Sep 07, 2022

<https://www.northcountrypublicradio.org/news/story/46537/20220907/dairy-farmers-boosted-by-record-high-payments-for-milk>

**A** spike in milk prices paid to farmers in the past year — after years of depressed payments — is allowing them to pay off debt from the lean times, catch up on deferred maintenance and purchases, and save for the future.

"This is an historical high," said Janice Degni, a dairy and field crops team member for Cornell Cooperative Extension's South Central New York region. "The last time it came close to this high was 2014, and then we had seven years of hell."

There was some temporary relief from low prices in 2020-21 as the federal government provided price supports for dairy farmers during the COVID-19 pandemic, Degni said. But sales dipped, at least temporarily, as schools — among the largest customers for milk — closed during the pandemic.

Cortland County had 75 dairy farms in 2020, state data show, producing 27.3 million pounds of milk.

The U.S. Department of Agriculture projects the statistical uniform price for milk products to be \$24.69 per hundredweight — or 100 pounds of milk — for this year. The figure was driven up by four of the top five monthly prices in the past 22 years in April, May, June and July.

The average annual rate is up from \$17.88 in 2021; \$17.10 in 2020; \$18.12 in 2019; \$16.09 in 2018; and \$17.44 in 2017, according to the USDA.

The actual rate paid to an individual farmer depends on several factors, including the butter fat, protein and other contents of the milk, and whether it is sold for consumption as fluid milk or made into other dairy products.

"A lot of farms are flush with cash now because of that (price increase), but you don't know how long that's going to last," said Mike McMahon,

who owns McMahon's EZ Acres Farm on Creal Road in Homer. "They will be looking to make investments. They may be putting money away for a rainy day when milk prices drop."

McMahon said the price increase is a big boost to his bottom line, as he has 1,000 milking cows on his farm, which on average each produce about 90 pounds of milk every day.

"We're doing several repairs and updating some equipment," said Zack Young, a fourth-generation farm and an owner of East River Dairy in Homer. "You get caught up and get a little bit ahead. You never know when the next big drop is coming."

Young said the farm on Route 13 recently added a 125,000-bushel grain bin as it began growing soybeans this year and corn in the past two years to cut its feed costs.

Farmers in Cortland County have been shifting from fluid milk production to a blend, which is used for several products, such as cream, ice cream and cheese, Degni said.

Twenty years ago 50% to 60% of the milk was sold as fluid milk but that has decreased to between 30% and 40%, Degni said. Those blended prices tend to be lower than fluid milk.

The shift reflects an industry trend, Degni said.

"People are consuming the same amount of milk, but in different forms," she said.

Despite the high prices paid for their milk, farmers have taken some financial hits that have offset the higher income.

Historical highs in prices charged for grain to feed cows is prompting some farmers to switch to other feed sources that reduce milk production per cow, McMahon said.

Young, who has 1,400 milking cows, said high fuel prices this summer and increasing fertilizer costs are also eating into profits.



"It keeps your margins tighter than you would think," he said. "We did pretty well this year and we're ready for the next round (of milk price reductions)."

Young said after a peak in June and July, milk prices paid to farmers have already begun to fall.

Some farmers who had done well while prices were depressed were particularly well positioned when prices rose, Degni said.

"A small segment make a lot and they increase herd size and build new barns," she said.

Degni noted that the investment helps reduce the tax implications of increased revenue and farmers can expand and improve their businesses.

But when herd sizes are increased to take advantage of the high prices, the increased milk

supply contributes to lowering prices because the demand remains the same, Degni said.

Milk cooperatives to whom farmers ship their milk have responded by instituting quotas to discourage increased milk production, McMahon said.

Milk prices have become more volatile in recent years because the market is not only local, but national and international, Degni and McMahon said.

Climate, labor shortages and economic issues across the United States and in Europe, New Zealand and Australia can affect prices paid to greater Cortland County farmers.

"The highs don't last as long as the lows," Degni said. "It would be better if the price were more stable."

## Adulterated natural Milk Red alert for human life in Pakistan

September 7, 2022

<https://pakobserver.net/adulterated-natural-milk-red-alert-for-human-life-in-pakistan-by-nuzair-ahmed-jamro/>

**I**T is true that pure and fresh edible items are a blessing for human life. Fresh and quality milk is one of the important supplements for a healthy life.

It is as important as water for human life. The hidden benefits of natural milk cannot be compensated with any drink or edible items. It is regretted to mention that Pakistan is facing critical issues in all walks of life.

Adulteration in edible items is not excluded. It is quite unfortunate to say that adulterated milk having life threatening chemicals, for increasing quantity and viscosity of it, has become a fate of common people in Pakistan, especially in urban areas of Sindh. It includes Shikarpur, Khairpur, Jacobabad, Sukkur and other small cities. It is woeful that cattle firms' owners and milk sellers in small cities like Shikarpur use health hazard chemicals in natural milk in order to maximize their lucrative business by increasing

the volume of milk using adulterants. Some of the major adulterants in milk having serious/ adverse health effects are urea, formalin, detergents, ammonium sulphate, boric acid, caustic soda, benzoic acid, salicylic acid, hydrogen peroxide, sugars and melamine.

It has become a lucrative business with small investment of having only 2/3 cows to fulfil the needs of a large chunk of society by producing more quantity of milk through food adulteration means.

It is a life-threatening practice which leads to incurable diseases like cancer, diabetic, pancreatitis, malfunctioning of organs, heart-issues, poor eyesight, kidney issues and ultimately death. Retrospectively, 33 million adults in Pakistan are living with diabetes – 70% increase since 2019. This means that Pakistan now has the third highest number of people living with diabetes in the world.

Vomiting, dizziness, stomach pain and chronic indigestion issues in most households are common ramifications of using such health hazard milk in everyday use such as tea and drinks. Lack of access to fresh milk, a natural supplement, in interior cities of Sindh and Punjab is the reason behind the alarming increase in such life threatening diseases.

Natural milk is a blessing in disguise that is a complete diet for a healthy life. It boosts the immune system, strengthens the bones and muscles by supplying the calcium and delaying the aging process by keeping human beings young.

It is sad to learn that people of developing countries like Pakistan, which is already lagging behind in delivering health services, are deprived of pure milk, the biggest natural gift for human beings.

The WHO stated that Pakistan produces 140 million litres of milk annually, while 500 million litres of it is sold. In Pakistan, nowadays, it has become a day-dream for common people to get milk in its pure and natural form. Adulterated

milk is dangerous as it may be toxic and lack nutrients essential for growth and development. To sum up, it is need of hour that the government chalk out an effective strategy to ensure the access of fresh and quality milk to people so that the common man can enjoy a healthy life by having natural milk.

Lactometer is used to measure milk viscosity. Pure milk will have greater viscosity than water. The Food Quality Department must ensure the lab tests of milk from milk vendors using lactometer and other efficient and modern techniques on a monthly basis in order to facilitate every citizen by delivering quality in milk.

There would be a mechanism of registration and renewal of licence of milk sellers based on milk quality.

Media, which is the fourth pillar of the State, should be used as a tool to generate awareness among the masses about milk-checking. This panacea would win their hearts and souls and ensure a happy and prosperous life of common man in Pakistan.

## Milk Prices for 2022 are Up - But So is Everything Else

September 7, 2022

<https://www.dairyherd.com/markets/milk-prices/milk-prices-2022-are-so-everything-else>



**C**ompared to a year ago, dairy product values are up considerably, and replacement heifer values have followed suite accordingly. According to USDA's Dairy Market News, the July 2022 All-Milk price was

\$25.70/cwt., an approximate 30% higher than a year ago. Milk cow prices and springer values have increased as well, although not to the same extreme. Cows are up about 20% to \$1,710 per head, and top-quality springers have jumped about that same margin. Meanwhile, feed costs unfortunately continue to surge upward as well. Year-over-year, July 2022 corn is up about 15%, alfalfa hay is up 25%, and soybeans are up 10%. Overall, the index of prices farmers paid for commodities and services, interest, taxes and wage rates in July 2022 was up 12.6% compared to a year ago.

## PCJCCI Suggests Pak Dairy Products' Export To China

SEP 6, 2022

<https://dairynews7x7.com/pcjcci-suggests-pak-dairy-products-export-to-china/>



**T**he cooperation between China and Pakistan on dairy industry and multifarious demands for high-quality dairy products in China will provide a contemporary path of development for Pakistan's dairy industry. Pakistan China Joint Chamber of Commerce and Industry (PCJCCI) President Mr Wang Zihai expressed these views in a think-tank session held here at PCJCCI Secretariat on Sunday. He added, "We have learned that Pakistan is the most important exporter and producer of dairy products in South Asia; whereas Chinese technologies are low-priced if we adopt the techniques and technology used by China, Pakistan could advance in this industry." PCJCCI President said that China is willing to explore more about Pakistani dairy industry to see if it has the opportunity to be part of Pakistan in this sector. From 2011 to 2022, China's dairy imports rose at a compound annual growth of 12.3 per cent, and the demand is still expanding. Milk powder, liquid milk, high value-added dairy products such as whey, cheese, butter and cream are also in high demand in the Chinese market.

PCJCCI Senior Vice President Ehsan Choudhry said that currently, China's dairy imports mainly come from New Zealand (40.44 per cent),

the Netherlands (17.15 per cent) and Australia (7.38 per cent). Pakistan's government should support this industry to boost export and domestic production, especially to control the adulteration of loose milk.

He asserted that the local farmers are facing many problems, such as a lack of education, latest storage facilities, transfer of milk, and cold storage; the government should come forward to train and educate them with the modern technology. In this way, Chinese consumers' demands for high-quality dairy products will be satisfied. Meanwhile, Pakistan's economic development, industrial upgrading and industrial chain extension can be expected in the process. PCJCCI Vice President Sarfaraz Butt said: "Animal husbandry is one of the pillar industries in Pakistan. Specifically, Balochistan, where Gawadar Port under China-Pakistan Economic Corridor (CPEC) is located in, is with unique advantages of breeding beef cattle and dairy cows". He added that the construction of epidemic-free area in Gawadar Port is progressing in an orderly way. If the industrial chain of China can be extended to Pakistan, it is expected to achieve win-win outcomes for the dairy industry of both countries.

The joint chamber's Secretary General Salahuddin Hanif said that Pakistan is among world's top five largest milk producers, with over 60 million tons of milk production each year. Such ventures and exports could definitely add value to Pakistan's economy.

## CIFTIS:MoU signed to enhance Pak-China cooperation in buffalo business

SEP 6, 2022

<https://dairynews7x7.com/ciftismou-signed-to-enhance-pak-china-cooperation-in-buffalo-business/>



**R**oyal Group, China, and JW Holdings, Pakistan, in the spirit to enhance cooperation in buffalo business between the two countries, signed a Memorandum of Understanding (MoU) as a side event of the 2022 China International Fair for Trade in Services (CIFTIS).

According to the MoU, the two companies will deepen cooperation in buffalo farm building, buffalo dairy products deep-processing and other related projects.

“We and JW Holdings will jointly invest USD 100 million, to develop buffalo breeding and buffalo milk and meat products processing industry in Pakistan, build a number of modern large-scale buffalo disease-free pastures, dairy processing plants and slaughterhouses, and jointly promote and sell buffalo milk and meat products produced in Pakistan to ASEAN countries and the Middle East region,” noted Teng Cuijin, deputy president of Royal Cell Biotechnology Corp., while taking an exclusive interview with China Economic Net.

Also, “we will deepen cooperation in research and development of buffalo germplasm, standardized feeding and deep processing of dairy products,” she told the reporter, adding that

Royal Group has accelerated the implementation of its cooperation project with Pakistan’s buffalo business since 2021.

As per Teng, the project is based in Punjab, one of Pakistan’s major agricultural provinces that enjoys a similar climate with south China’s Guangxi Zhuang Autonomous Region, in which Royal Group is based. And that, she added, makes it more feasible when introducing quality Pakistani buffalo germplasm to China.

Pakistan itself is a big animal husbandry country. “They have a quality germplasm of buffalo, but they mainly raise them in a free range way. While China has rich experience in buffalo farming, management and intensive production, which can be shared with our Pakistani friends,” Teng said.

With the signing of the MoU, “we will train local talents, improve local agricultural technology and promote the development of local industries in Pakistan.

At the same time, the introduction of quality germplasm from Pakistan to China will promote the development and upgrading of China’s dairy industry,” Teng Cuijin pinpointed.

Themed “cooperate for better development, innovate for a greener future,” the 2022 CIFTIS is co-hosted by Ministry of Commerce, China and the Beijing municipal government.

It is a crucial platform for China to expand opening-up, deepen cooperation and pioneer innovation, which has made a positive contribution to promoting the development of the global services industry and services trade.

## Milk Prices Off to a Bumpy Start

September 6, 2022

<https://www.dairyherd.com/markets/milk-prices/milk-prices-bumpy-start>

**T**uesday morning's GDT auction concluded with the price index up 4.9%. This was slightly beneath what futures expectations were showing coming into today. Skim Milk Powder gained 1.4% to \$1.62/lb. Whole Milk Powder added 5.6% to \$1.64/lb. Cheddar Cheese was up 0.8% to \$2.29/lb. Butter tacked on 3.2% to \$2.44/lb. Dairy Products were mixed on Tuesday in the CME spot dairy auction. Butter settled at \$3.12/lb with zero loads trading. Block cheese fell half a penny to \$1.76/lb. Barrel cheese rose 1.75 cents to \$1.8750/lb. Whey dropped 2 cents to \$0.4450/lb. Nonfat milk increased 1.75 cents to \$1.5375/lb. Class III milk futures ended the trading day mixed. October milk added 3 cents to

\$19.97/cwt. November milk fell 9 cents to \$20.60/cwt. Class IV milk futures traded higher on the day. Q4 2022 class IV milk futures were 23-42 cents higher. In the grain market, December corn had a strong close, jumping 10.25 cents higher to \$6.76/bu. November soybeans slid beneath \$14.00/bu to \$13.9875/bu. December soybean meal dropped \$10.90 to \$406.80/ton. The livestock sector was higher on the day. October live cattle tacked on 50 cents to \$145.05/cwt. October feeder cattle pushed \$1.15 higher to \$186.10/cwt. October lean hogs was up \$1.07 to \$91.10/cwt. October crude oil declined 18 cents to \$86.69/barrel.

## Milk shortages 'inevitable' if vegan protesters blockade dairy sites

SEP 5, 2022

<https://dairynews7x7.com/milk-shortages-inevitable-if-vegan-protesters-blockade-dairy-sites-for-weeks/>



**V**egan protesters have targeted four dairy production sites across England today aiming to 'shut down' distribution of milk products for weeks. From 5am this morning, activists went to three sites operated by Müller this morning in Droitwich, Severnside and Bridgwater, as well as to the UK's biggest dairy distribution centre operated by Arla Foods in Aylesbury. That facility produces 10% of the UK's dairy and protesters hope to significantly disrupt the UK's

supply, leading to fears of 'inevitable' milk shortages.

It comes the day after fellow protesters from Animal Rebellion staged sit-down protests in dairy aisles of high-end supermarkets to try and stop shoppers buying milk.

Demonstrators spread a banner across a road to try and stop distribution of products, and were also pictured climbing up onto milk silos and trucks.

It is part of planned 'disruptive action' this month by the group, who are demanding an 'urgent and immediate transition to a plant-based food system'.



Protesters climbed onto a lorry holding signs promoting a 'Plant-based future' (Picture: Animal Rebellion)

Witness testimony to the High Court last week revealed that during a 24-hour blockade of the Aylesbury site in August 2021, Arla lost £170,000 in revenue.



Protesters blocked the road leading to Arla Aylesbury (Picture: Animal Rebellion)

The company's Joanne Taylor said: 'If, as is anticipated, the threatened protest action lasts for 2 weeks and operations at the Aylesbury Site are halted (or severely restricted) for the duration of that period, it is inevitable that there will be milk shortages on supermarket shelves (which is the desired aim of the Animal Rebellion group).'

Protester Steve Bone, a father and photographer from Thorpe-le-Soken who climbed a milk silo at the Arla site in Aylesbury, said: 'Along with over 30 brave individuals, I am defying a High Court Injunction and risking prison to send a message to the UK Government that we need

a plant-based future to restore the British countryside and all the wonderful nature lost to animal farming.

Defying an injunction can be considered a contempt of court, which could lead to imprisonment.

Mr Bone continued: 'Farmers can, and should, be supported in the necessary transition to plant-based production. A plant-based future would enable massive carbon drawdown and mitigate the worst impacts of the climate crisis. 'We are offering the solution; our government needs to take it.'

Another demonstrator, John Appleton, a former employee of Arla for six years, added: 'I've seen this industry first hand; I know the struggle that farmers and workers go through every single day.



Tweet by animal rebellion

'We need a food system that works for them, everyone else, and nonhuman animals.

'Governmental support for this is vital to tackle the climate and ecological emergencies. We know the twin solution: transition to a plant-

based food system and a mass rewilding programme.'

The group has vowed to heavily disrupt the supply of dairy 'day after day' during September, branding the industry 'cruel and destructive'.

Animal Rebellion, who are a sister group of environmental activists Extinction Rebellion, claimed to have 'shut down' production at four sites.

However, Arla said their production was running as normal.

A spokesperson for Arla Foods said: 'We currently have protestors at our Aylesbury site and are working closely with local police to resolve the situation.'

'The safety and security of our colleagues at the site is our number one priority and production is currently running as normal.'

A spokesperson for Müller UK & Ireland said: 'We are disappointed to be targeted by a small number of activists who don't represent the 96% of adults in Britain who choose milk every week, and we will ensure that supplies are maintained.'

'Dairy is affordable and packed with nutrients that benefit our bodies. During a cost of living crisis it is wrong to try to prevent it from reaching families, including vulnerable members of society.'

## Winners of the 2022 Dairy Products Competition announced

SEPTEMBER 3, 2022

<https://www.morningagclips.com/winners-of-the-2022-dairy-products-competition-announced/>



Commissioner Ball said, "New York is known for its fantastic dairy products—from its leading yogurts to its artisan cheeses and everything in between. Our dairy farmers and processors are among the best in the country and take great pride in bringing their products to consumers across the country. Congratulations to our winners and all our participants; it's truly an honor to take part in the Dairy Day ceremony at the Great New York State Fair and recognize the hard work and dedication of our dairy community."

Interim Fair Director Sean Hennessey said, "Dairy Day is an unbelievably fun day that gives us an opportunity to discover the very best milkshake concoctions, try all kinds of cheeses and ice cream, and learn more about milk production. The Dairy Day awards ceremony gives us a platform to celebrate the dairy industry by recognizing the people who work so hard to bring us the very best dairy products around."

The Annual Dairy Day awarded cheese processors and manufacturers from across the state, in addition to its fluid milk producers, with gold or silver honors, or an Award of Excellence. This year there were 152 entries across all categories.

Other highlights from the competition include: Weissman Farms also won gold in the Flavored Milk category.

King Brothers Dairy took home gold in the Small Processors Fluid Milk category as well as the

Chocolate Milk category and the Flavored Yogurt category.

HP Hood (Arkport, Vernon and Lafargeville plants) earned the most medals overall, with a total of 16. They received the gold in the Cottage Cheese- Full-fat, Low-fat Cottage Cheese, and Fat-free Cottage Cheese categories, and silver in the Sour Cream, Dairy Dips and Plain Yogurt categories.

Great Lakes Cheese won gold for its Cheddar and Aged Cheddar, earning a total of six medals.

Old Chatham Creamery won gold for its Plain Yogurt and Flavored Natural Cheese.

Middle Road Creamery won gold for its Feta in the Goat/Sheep Soft Cheese category.

Entries were submitted for 25 categories, including fluid milk, various types of cheeses, sour cream, yogurt, dips, and cottage cheese. Cheese classes were evaluated by eight expert judges. This year, the Chief Judge was Valerie Catlin from the New York State Department of Agriculture and Markets' Division of Milk Control. Cornell University College of Agriculture and Life Sciences Milk Quality Improvement Program judged the fluid milk portion of the competition.

Stewart's Shops President Gary Dake said, "My grandfather and his brother started this business as a dairy company over 100 years ago. We take great pride in the quality of our dairy products and providing fresh and local milk to our customers. This award would not be possible without our hard-working dairy farmers and experienced dairy team."

Agrimark Board Chairman Cricket Jacquier said, "Our Chateaugay Team is thrilled to bring home the Grand Champion honors today. This award is a reflection of our commitment to producing high quality dairy products. That collaboration starts at the farm level with our 600 farm families and it is continued by our dedicated team of employees. That mindset of pursuing

excellence is poured into all of the delicious dairy products that we make every day."

Benjamin Houlton, the college's Ronald P. Lynch Dean, said, "Cornell's College of Agriculture and Life Sciences is proud to partner with the New York State Department of Agriculture and Markets to assess the quality, safety and sensory taste of New York's innovative dairy products. I am delighted to see the breadth of entries this year, which reflect the growing diversity and quality of artisanal dairy products that continue to support New York state's position as a leader."

As part of the Dairy Products Competition awards ceremony, which took place this morning at the New York State Fair, a new video was launched to promote the dairy industry and educate consumers about the industry products in the marketplace. The video was provided by Jeb & Co, American Dairy Association North East, NYS Agriculture in the Classroom, Cornell University, NYS Cheesemakers, and VentureFuel and was funded by the New York State dairy industry.

In addition to the Dairy Products Competition, New York's dairy industry is featured during the full 13-day run at the Fair and in the Dairy Products Building. The Milk Bar, operated this year by Cornell Cooperative Extension, continues to offer 25 cent cups of perfectly cold white or chocolate milk, supplied by NYS Grown & Certified processor Upstate Farms. Strawberry milk will be on tap this year at the Milk Bar the last weekend of the Fair, Saturday, September 3 through Labor Day, Monday, September 5. The famous Butter Sculpture is also on display in the Dairy Products Building.

Fairgoers visiting the Dairy Products Building will have many options to choose from, ranging from a variety of dairy products at the Milky Bun Bar, to samples of cheeses from across New York State and state Grown & Certified processors. Attendees will also have opportuni-



ties to meet the State and county Dairy Ambassadors at the “Reset Yourself with Dairy” exhibit. The Dairy Products Building is open from 10:00 a.m. to 9:00 p.m. Monday through Thursday, and from 10:00 a.m. to 10:00 p.m. Friday, Saturday, and Sunday.

More than 200 farmers, veterinarians, business representatives and agricultural students volunteer to assist with the births at the Dairy Cow Birthing Center. The exhibit also offers calves for petting and educational exhibits about the dairy industry. The Dairy Cow Birthing Center is open from 9 a.m. to 9 p.m. daily.

The Dairy Cattle Barn, which houses all the dairy cattle showed at the Fair, is also open to visitors for the duration of the Fair. Here, fairgoers may observe cows being milked and learn how milk gets from cow to glass. The Dairy Cattle Barn is open 9 a.m. to 9 p.m. Monday through Thursday, and from Friday through Sunday from 9 a.m. to 10 p.m. On Labor Day, all barns and buildings close at 9 p.m.

New this year, the Fair is featuring an interactive social media exercise where they can see what they’d look like as a Butter Sculpture. By scanning a QR code – which is accessible on signage in the Dairy Products Building, and here, on the 2022 State Fair Map – fairgoers can cue up a “Butterizer” filter, which will

superimpose their face onto a bust of butter. Fairgoers will see what they look like on display and will be able to share the information on Facebook and Instagram using the hashtags, #NYSFair and #ButterizeMe. The Butterizer feature works on a mobile device anywhere there is internet – you don’t necessarily have to be on the Fairgrounds to participate in the fun.

The Dairy Industry in New York

New York is a top producer of dairy products in the country, and dairy is the State’s number one agricultural sector. Currently, New York has nearly 3,600 dairy farms producing more than 15 billion pounds of milk, approximately seven percent of the country’s total milk supply. New York is also a leading producer in the country of yogurt, cottage cheese and creamed cheese. Total cheese production also continues to grow, accounting for more than one billion pounds last year.

About the Great New York State Fair

The Fair continues through Monday, September 5. Founded in 1841, the Great New York State Fair showcases the best of New York agriculture, provides top-quality entertainment and is a key piece of the state’s CNY Rising strategy of growing the Central New York economy through tourism. It is oldest state fair in the United States, and the third largest fair in the country.

## U.S. Milk Output on a Slow, Rising Slope

September 2, 2022

<http://www.farmers-exchange.net/detailPage.aspx?articleID=21822>

The following is from Lee Mielke, author of a dairy market column known as “Mielke Market Weekly.”

U.S. milk production is recovering slowly, very slowly. The Agriculture Department’s latest data shows July output hit 19.14 billion pounds, up just .2 percent from July 2021, and the first gain since October 2021. The 24-state total came in at 18.3 billion pounds, up .3 percent.

Revisions lowered the 50-state June estimate by 45 million pounds to 18.93 billion, .1 percent below a year ago instead of the .5 percent increase originally reported.

July cow numbers totaled 9.416 million, up 1,000 head from June numbers which were revised down 8,000 head. The July herd was down 67,000 from July 2021.

Output per cow averaged 2,033 pounds, up 19 pounds, or .9 percent, from July 2021. June output per cow was revised down 3 pounds, to 2,011 pounds.

California cows put 3.52 billion pounds of milk in the tank, up 77 million, or 2.2 percent, from a year ago. Cow numbers were up 4,000 while output per cow jumped 40 pounds. Wisconsin produced 2.72 billion pounds, down 7 million, or .3 percent. Cow numbers were down 6,000 but output per cow was up 5 pounds from a year ago. Wisconsin produced 2.72 billion pounds, down 7 million, or .3 percent. Cow numbers were down 6,000 but output per cow was up 5 pounds from a year ago.

Michigan was down 3.8 percent on 19,000 fewer cows, while output per cow was up 10 pounds. Minnesota was down 1.1 percent on a 12,000 cow loss, while output per cow was up 30 pounds. New Mexico was down 8.1 percent on a 32,000 cow drop. Output per cow was up 40 pounds. It was second to Florida which had the biggest decline, down 11.4 percent.

As I pondered the July data, I was reminded of the old "Got Milk" campaign which endeavored to portray what life would be like if we ever ran out of milk.

We're not even close to that, according to Matt Gould, analyst and editor of the Dairy and Food Market Analyst newsletter in the Aug. 29 Dairy Radio Now broadcast. But he quickly added, "We're not facing a gusher or a wall of milk either." He talked about USDA revisions in the report and the fact that July output was only up .2 percent. He spoke of the stress that dairy farm profit margins are under, particularly those in the west where draught has ravaged feed production and lifted hay prices. "We're not short of milk right now," he said, "but the outlook isn't exactly like we're going to have a surplus any time soon."

Commenting on July Cold Storage data, Gould said butter stocks came in below expectations at the same time we have U.S. butter prices

near record highs. Retail butter prices keep climbing, he said, and shows that we're tight on butter. Tight supplies mean expensive prices at the store and he expects that to continue through the end of the year.

"That may not be good news for consumers as they think about Thanksgiving and Christmas cookies, but it is positive news for the dairy farmer," he concluded.

Meanwhile, dairy farmers are keeping cows in the milking string. Culling under federal inspection totaled 230,100 head in July, according to the USDA's latest Livestock Slaughter report. That's down 2,900 head from June and 17,800 head, or 7.2 percent, below July 2021. Culling in the January to July period totaled 1.751 million head, down 60,300, or 3.3 percent, from a year ago.

In the week ending Aug. 13, 57,600 dairy cows were sent to slaughter, up 200 head from the previous week, but 2,700 head, or 4.5 percent, below a year ago.

Checking the cooler, U.S. butter stocks headed lower in July and remained well below a year ago. The latest Cold Storage report put the July 31 inventory at 314.4 million pounds, down 16.4 million, or 5 percent, from June's inventory which was revised down 1 million pounds. Stocks were down 82.1 million pounds, or 20.7 percent, from a year ago, 10th consecutive month they fell short of the previous year. American-type cheese stocks climbed to 859.9 million pounds, up 13.1 million pounds, or 1.6 percent, from June, and were 42.3 million, or 5.2 percent, above a year ago.

The "other" cheese category hit 640.4 million pounds, up 5.5 million, or .9 percent, from June, and 31.2 million pounds, or 5.1 percent, above a year ago.

The total cheese inventory set a new record at 1.52 billion pounds, up 16.5 million pounds, or 1.1 percent, from June, and 73.3 million, or 5.1 percent, above a year ago.

CME cheese prices were lower following the Cold Storage data. The Cheddar blocks dropped a nickel the next day and closed the last Friday of August at \$1.74 per pound, down 8 cents on the week and a penny below a year ago.

The barrel's last Friday finish was at \$1.8825, down 1.25 cents on the week, 48 cents above a year ago, and an inverted 14.25 cents above the blocks. There were five sales of block and 18 of barrel.

Retail cheesemakers report that sales range from steady to busy in the Midwest, according to Dairy Market News, and one factor increasing customer interest is "the topsy-turvy market tone" of recent weeks. Buyers are potentially getting ahead in case markets reenter another bullish cycle. Food service orders are mixed. Some restaurants, including pizzerias, have reduced hours due to staffing shortfalls.

Scheduled downtime at cheese plants has regularly kept milk available at other plants and at similar prices to previous weeks. Some cheesemakers say milk offers are quiet but they are not looking for more. A growing number of producers are saying orders are starting to outpace current availability.

Cheese makers in the West are running busy schedules as milk remains available, though some continue to run below capacity due to delayed deliveries of supplies and labor shortages. Domestic cheese demand was steady to lower this week. Retail sales are down from last year as higher prices impact consumer purchasing. Stakeholders expect an increase in mozzarella sales in coming weeks "as more customers purchase pizzas to enjoy as they watch football." Cash butter jumped 8 cents last Monday, as traders expected a bullish Cold Storage report for butter. It climbed to \$3.0550 per pound last Tuesday, then lost 5.50 cents last Wednesday, but ended up closing last Friday at \$3.0825, up 14.25 cents on the week and \$1.3750 above a year ago, highest CME price in seven years and third highest ever. Forty-three cars traded

hands on the week, five less than the previous week.

Butter producers say sales are somewhat in line with recent weeks but year-to-date numbers are starting to lag, partly due to the \$3 market prices. Some plants cleared some spot cream this week, but more from the West than within the region. Cream is still regarded as tight to nonexistent, depending on location. Expectations vary on near-term tones. Domestic prices have pushed above some global values so stronger import trading is expected to fulfill some seasonal industrial baking needs, according to DMN.

Declining milk production in the West is contributing to reduced cream output though demand remains strong from butter and ice cream makers. Cream availability is tightening and some are reportedly paying premiums for additional loads. Some churns are running below capacity, unable to obtain sufficient cream.

Butter output is further hampered by limited tanker availability and labor shortages at some facilities. Bulk butter sales trended higher last week as some spot purchasers are concerned about butter availability in the coming months. Retail and food service demand was unchanged, according to DMN.

Grade A nonfat dry milk closed last Friday at \$1.56 per pound, up 4 cents on the week, highest since Aug. 4, and 26.75 cents above a year ago on nine sales.

CME dry whey oscillated a little this week but finished 2 cents higher at 47 cents per pound, 3 cents below a year ago. There were four sales on the week.

The continuing declines at the Global Dairy Trade have been blamed primarily on China and its latest dairy import data would indicate the blame is justified.

Whole milk powder imports totaled 81.3 million pounds, down 49.9 percent from July 2021.

Skim milk powder, at 60.4 million pounds, was down 40.6 percent, and whey products totaled

119.5 million pounds, down 16.7 percent. Cheese imports totaled 25.5 million pounds, down 26.4 percent from a year ago. Butter imports, at 20.4 million pounds, were off .5 percent, while anhydrous milkfat, at 12.7 million pounds, was up 44.2 percent, strongest since April 2021, according to HighGround Dairy, "as China takes advantage of the discounted fat from New Zealand." Fluid milk and cream volumes were the lowest since May 2020, according to HGD, due to steep declines from Europe. However, on a brighter note, lactose imports hit a record 34.1 million pounds, up 30.5 percent. The U.S. accounted for 82 percent market share, according to HGD. HighGround adds that "China's diversification of feed sources for livestock has continued as unfavorable weather and the war in Ukraine tightens commodities. Additionally, over the past few years, rising trade tensions between China and the U.S. have affected bilateral soybean trade. Within a framework of food security, China has sought replacements for soybean meal and other products produced from soybeans." The Aug. 23 Daily Dairy Report says, "China imported more U.S. whey last month than in any month since June 2018, just before the trade war pushed China to seek other suppliers. Although today the trade war is not running as hot as it once was, China still levies punitive tariffs

on most U.S. dairy products, including 35 percent tariffs on milk powder and butter imports and tariffs between 35.5 percent and 39.5 percent on U.S. cheese."

"U.S. exporters can apply for relief from tariffs on an individual basis," said the DDR, "but border taxes have minimized shipments of these U.S. dairy products to China and boosted market share for product from Oceania and Europe."

"The United States accounted for 59.3 percent of China's total whey imports in July," according to the DDR, "the highest share since May 2018. In contrast, the United States accounted for just 3.7 percent of Chinese milk powder imports and 3.1 percent of its cheese imports in July."

In other trade news, StoneX reports that New Zealand exports in July were a little better than expected, up 9.4 percent from last year. However, June was revised down from a 19.7 percent drop to 25.2 percent, so combined volume for June plus July turned out about 1 percent lower than thought. Shipments to China improved, down only 4.3 percent from last year compared to the minus 17.9 percent pace over the past 12 months. It's the first sign that imports might be improving," StoneX concludes. "But the fact that WMP was down again last week would argue that demand is still not great."

## 6 Milkmen Arrested For Adulteration In Milk

September 02, 2022

<https://www.urdupoint.com/en/pakistan/6-milkmen-arrested-for-adulteration-in-milk-1556635.html>



**P**ESHAWAR, (UrduPoint / Pakistan Point News - 2nd Sep, 2022 ) :The district administration Peshawar on Friday arrested 6 milkmen and discarded over 500 litres of adulterated milk during a crackdown in various localities.

In this connection, on the directives of the Deputy Commissioner (DC) Peshawar, Shafiullah Khan, the Additional Assistant Commissioner (AAC), Sumaira Saba along with veterinary experts of the Livestock Department analysed the samples of the milk of various shops on Pishtakhara Road, Bara Road and Sarband, Achni and other localities through a modern testing laboratory.

On proving the adulteration of surplus water in milk, six milkmen were arrested and more than 500 litres of adulterated milk was discarded. Deputy Commissioner (DC) Peshawar, Shafiullah Khan has directed the administrative officers for the inspection of the milk of milk shops across the district and taking stern action against the adulterers.

## Startup raises \$12 million to scale carbon-neutral dairy

09.01.2022

<https://www.foodbusinessnews.net/articles/22117-startup-raises-12-million-to-scale-carbon-neutral-dairy>



**P**ORTLAND — Neutral Foods, a startup offering carbon-neutral dairy products, raised \$12 million in Series A funding. The company debuted last year with organic milk products that are now sold in more than 2,000 stores nationwide.

Neutral measures the entire carbon footprint of its products and works directly with farmers to

implement projects that minimize milk's carbon intensity. Its whole milk, 2% milk and half-and-half products are made 100% carbon neutral through investments in carbon offsets, including credits from farmers turning cow emissions into renewable energy.

The startup's mission is backed by experts including Ann Radil, a former NASA-funded climate scientist and head of carbon reduction at Neutral Foods. Greg Thoma, a climate scientist studying dairy emissions, serves as chief science adviser. The products are certified carbon neutral by SCS Global Services, a third-party verifier for environmental claims.

The injection of capital coincides with Neutral's ongoing expansion into Whole Foods Market, Sprouts Farmers Market and Target locations as

well as its recent entry into foodservice. The company in June began selling its milk and half-and-half products to eateries in Portland. It also rolled out pasture-raised butter in a local grocery store.

Neutral Foods plans to add more grocers to its distribution list throughout the year. It aims to double the number of stores where consumers can find its products by the end of 2022.

“We continue executing our growth strategy to make more Neutral products accessible to those who want simple, daily solutions to protect our planet,” said Marcus Lovell Smith, chief executive officer of Neutral Foods. “This round of funding further supports our approach to being a carbon neutral food company that’s revolutionizing the food industry.”

Led by Bill Gates’ Breakthrough Energy Ventures, the Series A close follows two seed

rounds totaling approximately \$8 million. Neutral Foods late last year raised \$4 million in a seed round that included Mark Cuban. In May it closed an additional round led by Darco Capital’s David Adelman, with participation from celebrity investors including LeBron James and John Legend.

Additional investors from the Series A round include the Japanese firm Global Brain, its CVC partners Kirin Holdings Co. Ltd. and Norinchukin Bank, and Craig Shapiro of the New York-based Collaborative Fund.

“Supporting companies that are working to benefit the greater good is an investment strategy for a better future,” Mr. Shapiro said. “Neutral shows that we can produce food that’s better for the environment, our communities and our families without compromising taste.”

## Does dairy cause acne or is it another skincare myth?

SEP 1, 2022

<https://dairynews7x7.com/does-dairy-cause-acne-or-is-it-another-skincare-myth/>



**D**oes dairy cause acne? It’s a valid question considering the food that you put into your body every day is one of the biggest lifestyle factors contributing to the health of your skin. In recent years, dairy has been a hot topic. There are experts who maintain that it’s a part of a healthy, balanced diet, yet some evidence suggests that dairy has the potential to cause breakouts and irritate the skin.

Dairy has the potential to cause inflammation and doesn’t sit well nutritionally with everyone. According to The Lancet Gastroenterology and

Hepatology (opens in new tab) journal, an estimated 68% of the world’s population has some form of lactose malabsorption. But does this mean you should ditch your morning latte in favor of one of the best milk alternatives to achieve that glow you’re chasing? As it turns out, the answer is maybe. Read on to find out more.

### HOW DOES DAIRY AFFECT THE SKIN?

Dr. Andrea Murina, associate professor of dermatology and the program director at Tulane University School of Medicine, New Orleans, says: “Specifically when talking about acne, there may be some truth to the fact that dairy can lead to skin inflammation. Dairy products have hormonal and bioactive components that may cause blocked pores, oiliness and pimples. Eating dairy, or even whey-based protein, can elevate levels of insulin-like growth factors. We

now have multiple research studies that link increased dairy intake with more acne lesions,” she says.

A study in the *Journal of the American Academy of Dermatology* (opens in new tab) found that women who drank two or more glasses of skim milk a day were 44% more likely to have acne than their peers. Another study in *Dermatology Online Journal* (opens in new tab) found that girls aged 9-15 who drank more cow’s milk tended to have more acne than their peers.

The relationship between skincare and diet is often a process of trial and error. Foods that are irritating to one’s skin may even change and develop over time. However, evidence and experts tend to agree that dairy is one of the foods that poses a high risk of being an irritant for the skin, especially in those who already struggle with acne.

#### WHAT ELSE CAN CAUSE ACNE?

So will dairy alone cause acne? It’s tough to say, as no one factor or irritant exists in a vacuum. Not only can other medical components and hormonal cycles affect acne, but there are plenty of other environmental and dietary elements that contribute to the health and appearance of your skin.

“Junk foods, or foods with a high glycemic index value and high fat, also cause inflammation in the skin,” says Murina. “These foods also increase insulin and insulin-like growth factors, which results in more acne.” So it looks like dairy isn’t the only food you should keep an eye out for.

Hormones and other medical conditions can contribute to skin inflammation and acne breakouts. Conditions such as polycystic ovary syndrome (PCOS), hormone imbalances and even the fluctuations within the regular menstrual cycle have been known to cause acne. A 2003 study conducted at Stanford University (opens in new tab) found that acne severity correlates highly with stress levels. Although dairy can be among the culprits, it isn’t alone.

#### HOW CAN YOU TREAT ACNE?

Cutting back on dairy can be a start. Murina says: “I routinely ask acne patients about their dairy or whey-based protein intake. In patients with moderate to severe acne, I recommend that they cut back on excessive dairy intake. I also discourage the use of whey-based supplements if patients have nodulocystic – or more severe forms of – acne.”

However, treating acne is about taking well-rounded care of your skin and figuring out what works with your skin’s ecosystem. While cutting back on dairy can be a part of it, this process also involves using safe, simple products on your skin, washing your face regularly, keeping stress levels to a minimum when possible, getting enough sleep at night, staying hydrated, and eating a balanced diet.

Additionally, one of the best courses of action for treating severe acne is to consult a dermatologist about a specific course of treatment, tailored professionally to your skin’s needs.

#### FOODS THAT HELP THE SKIN

What should you be eating to keep breakouts at bay? “The foods that are better for acne are fruits and vegetables that have vitamins, minerals and fiber. These promote healthier blood sugar levels and healthier, clearer skin,” says Murina.

Incorporating as many fresh, hydrating foods filled with vitamins and minerals as possible into your diet seems to be the way to go. That doesn’t mean that dairy is bad all the time.

“Dairy is fortified with vitamins and minerals and some of the natural fats in dairy could be helpful for the skin,” says Murina. “In people without severe acne, dairy can be a normal part of a balanced diet without concerns for negative effects on the skin.”

Essentially, you may be just fine keeping that morning latte after all, and if you haven’t experienced issues or irritation from it thus far, you likely don’t have too much to worry about.

However, if you struggle with acne, it may be

worth your while proceeding with caution or re-examining that part of your diet.

As with many other elements of health, skin-care is highly personal. What may work for

some may not work for others. Since dairy does have the potential to irritate acne-prone skin, it might be a good idea to venture away from lactose to see how you fare.

## Synthetic milk made without cows? Could radically disrupt the dairy

SEP 1, 2022

<https://dairynews7x7.com/synthetic-milk-made-without-cows-that-could-radically-disrupt-the-dairy-industry/>



**T**he global dairy industry is changing. Among the disruptions is competition from food alternatives not produced using animals – including potential challenges posed by synthetic milk.

Synthetic milk does not require cows or other animals. It can have the same biochemical make up as animal milk, but is grown using an emerging biotechnology technique known as “precision fermentation” that produces biomass cultured from cells.

More than 80 per cent of the world’s population regularly consume dairy products. There have been increasing calls to move beyond animal-based food systems to more sustainable forms of food production.

Synthetic milk offers dairy milk without concerns such as methane emissions or animal welfare. But it must overcome many challenges and pitfalls to become a fair, sustainable and viable alternative to animal-based milk.

### NOT A SCI-FI FANTASY

My recent research examined megatrends in the global dairy sector. Plant-based milks and, potentially, synthetic milks, emerged as a key disruption.

Unlike synthetic meat – which can struggle to match the complexity and texture of animal

meat – synthetic milk is touted as having the same taste, look and feel as normal dairy milk. Synthetic milk is not a sci-fi fantasy; it already exists. In the United States, for example, the Perfect Day company supplies animal-free protein made from microflora, which is then used to make ice cream, protein powder and milk.

In Australia, start-up company Eden Brew has been developing synthetic milk at Werribee in Victoria. The company is targeting consumers increasingly concerned about climate change and, in particular, the contribution of methane from dairy cows.

Australian government agency Commonwealth Scientific and Industrial Research Organisation (CSIRO) reportedly developed the technology behind the Eden Brew product. The process starts with yeast and uses “precision fermentation” to produce the same proteins found in cow’s milk.

CSIRO says these proteins give milk many of its key properties and contribute to its creamy texture and frothing ability. Minerals, sugars, fats and flavours are added to the protein base to create the final product.

### TOWARDS A NEW FOOD SYSTEM?

Also in Australia, the All G Foods company this month raised A\$25 million (US\$17.4 million) to accelerate production of its synthetic milk.

Within seven years, the company wants its synthetic milk to be cheaper than cow’s milk.



If the synthetic milk industry can achieve this cost aim across the board, the potential to disrupt the dairy industry is high. It could steer humanity further away from traditional animal agriculture towards radically different food systems.

A 2019 report into the future of dairy found that by 2030, the US precision fermentation industry will create at least 700,000 jobs.

And if synthetic milk can replace dairy as an ingredient in the industrial food processing sector, this could present significant challenges for companies that produce milk powder for the ingredient market.

Some traditional dairy companies are jumping on the bandwagon. For example, Australian dairy co-operative Norco is backing the Eden Brew project, and New Zealand dairy cooperative Fonterra last week announced a joint venture to develop and commercialise “fermentation-derived proteins with dairy-like properties”.

#### SYNTHETIC MILK NOT A PANACEA

The synthetic milk industry must grow exponentially before it becomes a sizeable threat to animal-based dairy milk. This will require a lot of capital and investment in research and development, as well as new manufacturing infrastructure such as fermentation tanks and bioreactors.

Production of conventional animal-milk in the Global South now outstrips that of the Global North, largely due to rapid growth across Asia. Certainly, the traditional dairy industry is not going away any time soon.

And synthetic milk is not a panacea. While the technology has huge potential for environmental and animal welfare gains, it comes with challenges and potential downsides.

For example, alternative proteins do not necessarily challenge the corporatisation or homogenisation of conventional industrial agriculture. This means big synthetic milk producers might push out low-tech or small-scale dairy – and alternative dairy – systems.

What’s more, synthetic milk could further displace many people from the global dairy sector. If traditional dairy co-ops in Australia and New Zealand are moving into synthetic milk, for example, where does this leave dairy farmers?

As synthetic milk gains ground in coming years, we must guard against replicating existing inequities in the current food system.

And the traditional dairy sector must recognise it’s on the cusp of pivotal change. In the face of multiple threats, it should maximise the social benefits of both animal-based dairy and minimise its contribution to climate change.

Milena Bojovic is a PhD candidate at Macquarie University. This commentary first appeared in The Conversation.

## Neutral Foods gets money from Gates, Cuban, and LeBron to cut GHG

SEP 1, 2022

<https://dairynews7x7.com/neutral-foods-gets-money-from-gates-cuban-and-lebron-james-to-cut-ghg/>

**B**ill Gates’ investment fund, Breakthrough Energy Ventures, announced on Wednesday it is leading a \$12 million round of investment in the climate-conscious food company, Neutral Foods. Other notable investors in Neutral Foods include Mark Cuban, NBA stars LeBron James and Kevin Love,

Tobias Harris, and musicians John Legend and Questlove.

Neutral Foods currently buys carbon offsets to balance the greenhouse gasses created in the milk sells, but it’s also working with farmers to reduce carbon emissions where dairy products are produced.

As consumers look for ways they can make more climate-conscious purchases, Bill Gates' investment fund on Wednesday announced it is putting more money into Neutral Foods, a company which tracks the greenhouse gas emissions that come from the production of dairy products and buys carbon credits to compensate for those emissions. It's also working with dairy farmers to help them reduce emissions produced on their farms.

While electricity and transportation tend to get most of the attention when it comes to global efforts to reduce greenhouse gas emissions, agriculture is a massive contributor. Breakthrough Energy Ventures has segmented global emissions into five categories, and agriculture is the third worst offender, responsible for 19% of total greenhouse gas emissions, behind manufacturing (31%) and electricity (27%), but ahead of transportation (16%) and buildings (7%).

Neutral Foods milk is in about 2,000 grocery stores and has already received funding from a diverse roster of celebrity investors, including Mark Cuban, NBA stars LeBron James and Kevin Love, Tobias Harris, and musicians John Legend and Questlove. The company is planning to expand into butter, and eventually meat. "It's clear that consumers are hungry for sustainable, climate-forward options and they're reflecting that in their purchasing decisions, especially when it comes to buying food and beverages," Carmichael Roberts, one half of the investing committee at Bill Gates' investment fund, Breakthrough Energy Ventures, told CNBC.



Kavita Patel, vice president of marketing at Neutral, seen pouring milk at a picnic with Questlove, an investor in the startup. This photo was taken in June in Philadelphia at the Roots picnic in Fairmount Park.

Photo courtesy Neutral Foods

How Neutral works

Neutral Foods measures the carbon emissions of the entire lifecycle of its products and purchases carbon offsets for the measured emissions, Ann Radil, the Head of Carbon Reduction at Neutral Foods, told CNBC.

Carbon credits are permits that businesses buy to certify greenhouse gasses have been removed from the atmosphere. While not all carbon credits are reliably policed, Neutral Foods says it uses only offsets verified by Climate Action Reserve (CAR), which it says are quite strict. CAR offsets are "real, additional, permanent, verifiable, and enforceable," said Lauren Brown, senior manager of carbon reduction data and analytics for Neutral Foods.

Long-term, the company's plan is to work with farms to reduce their greenhouse emissions directly. Currently, Neutral Foods has eight distinct projects underway at farms it works with

and 30 projects in some phase of development, Radil told CNBC.

Those projects include changing what cows eat and changing how cow manure is managed.

Separating and composting manure “alone can reduce manure-related GHG emissions like methane and nitrous oxide by 19 to 50 percent,” Radil told CNBC. Also, Neutral Foods is working with farms to change the way they plant things on the farm to improve the amount of carbon that gets absorbed by the soil.

The start-up both guides farmers to help them make changes in the operations on their farms to reduce emissions and then also provides the financing to make those changes, explains CEO Marcus Lovell Smith.

Helping farmers lower the emissions on their farms requires approaching farmers with respect. “You don’t go onto a farm and tell a farmer what to do,” said Smith, who runs his own dairy farm in New Hampshire. “Farmers are one of the most independent minded groups of people in the country. So I learned that pretty quickly.”



Anna and Chris Groeneveld, co-owners of Groeneveld Farms.

Photo courtesy Anna Groeneveld

One partner is Groeneveld Farms, a dairy farm with 240 cows, located in Snohomish County, Washington. The farm grows 90% of its feed, and Neutral Foods has helped it figure out how to plant two different crops — corn and grass — at the same time. This process, sometimes known as “co-cropping” or “relay cropping” means the farm only has to till the ground once, which decreases the amount of fossil fuels used on the farm.

“We can do this in a way that works really well for where we are located here in Washington,” Groeneveld told CNBC. “Neutral found this appealing and it’s something that works within both of our collective budgets to try out.”

From milk to meat

Neutral Foods started its product line with milk, which it currently sells at Amazon-owned Whole Foods, Target stores on the West Coast, Sprouts, and various other grocers. The price of Neutral Foods is “pretty much in the middle of the pack for organic milk,” CEO Smith said.

Results so far are positive.

“We are pleased with how customers are reacting and purchasing the Neutral Foods products. Based on that, we are looking at other opportunities to expand with them into other items,” said Sprouts spokesperson Steve Nieto.

Starting in August, Neutral Foods will start selling carbon neutral pasture-raised butter, and it’s planning to expand its product repertoire to include beef as well.

Carman Ranch, located in the Wallowa Valley in northeast Oregon, raises cows and hogs.

Owner Cory Carman, reached out to Neutral Foods to see they were working on any carbon emissions tracking programs for beef.

“We know that there are so many innovations in agriculture that can make a huge difference in greenhouse gas emissions or carbon sequestration, but discovering how those innovations

play out in specific regions, or testing new ones is incredibly hard for individual ranchers,” Carman told CNBC.

Carman Ranch is what is called a “century farm” because the same family has worked the farm for over a hundred years. Cory herself grew up on the ranch and has worked at the ranch for the last two decades. “Neutral has helped bring us technology, resources, and information that I would never had access to and that I am now sharing across my network.”



Cory Carman, owner of Carman ranch

Photo courtesy Cory Carman

Carman Ranch has learned about feed supplements for cattle that lower the methane that

cows belch out when they digest their food, Carman told CNBC. Currently, Carman Ranch is running trials with Neutral Foods to plant feed for their cows to graze on that contain condensed tannins. “They are nutritious to our animals, promote soil health and can lower methane emissions,” Carman told CNBC.

Carman Ranch is also running a trial with Neutral Foods to put a seaweed supplement into the feed for 50 cattle. For this pilot program, Neutral Foods and the company making the seaweed supplement, Symbrosia, “will bring leading researchers, partners, equipment, and procedures to measure methane emissions and weight gain, conduct a full life cycle analysis, and generate verified carbon credits,” Carman said.

It will take time for the projects Neutral Foods is doing with farms to be fully implemented and measurably reduce the emissions of their products, Radil told CNBC.

But for now, Gates’ investment fund is encouraged by the steps Neutral Foods is making.

“It sends a critical price signal to farmers that climate-forward practices have value. As they continue to improve upon those decarbonization techniques, there’s an opportunity for scale at the farm level that can mirror the brand’s growth and retail expansion,” Roberts told CNBC.

Fellow investor Marc Cuban, who put money into the company last October, agrees.

“I think consumers are becoming increasingly concerned about the impact of the products they consume on the environment,” Cuban told CNBC. “I think Neutral is well positioned to meet that demand.”

Introducing

# SURUCHI DAIRY DASHBOARD

A periodic audit and monitoring service to enhance your dairy business competitiveness

70+

Dairy Plants & Integrated Dairy Farms.

115+

Detailed Project Reports & Market Research

2051+

Certified Dairy Entrepreneurs

Our data to solutions platform help you remove the barrier between data and action.

So you can turn real time data from all touch points from farm to table into purposeful outcome for your dairy and for yourself.



## Key Deliverables

- Monthly Dashboard
- Quarterly Focus Reports
  - Quality • Costing • Productivity
  - Customer satisfaction
- Due Diligence
  - Expansion or Diversification

Contact Us :  
C-49, Sector-65, Noida, Uttar Pradesh, 201307  
Ph.: +91 120-4370845, 4320845  
E-mail: info@suruchiconsultants.com  
www.suruchiconsultants.com



**Suruchi Consultants**  
a Friend, Philosopher and Guide to  
over 2000 Dairy aspirants since 1990