

IDA News

Govt. of India Appoints Dr. Sodhi as Chairman, NIFTEM-Thanjavur



Union Food Processing Ministry has appointed Dr. R.S. Sodhi as Chairman, National Institute of Food Technology, Entrepreneurship and Management (NIFTEM), Thanjavur (Tamil Nadu-based institute) w.e.f. October 10, 2022. He will remain in this post for three years.

NIFTEM, Thanjavur is a 55 years old institute. It was started in 1967 as Paddy Processing Research Centre. It was renamed as Indian Institute of Crop Processing Technology (IICPT) in February 2008. About a decade later, it was renamed as Indian Institute of Food Processing Technology (IIFPT) in March 2017. Its name has now been changed to NIFTEM. It offers B Tech, M Tech and Ph.D. courses.

IDA (East Zone) Elects its New ZEC Members

IDA (East Zone) election process started on September 20, 2022 under the nominated Returning Officer Shri Abhas Amar. The other election committee members were Shri Sajal Biswas and Shri G.P. Verma. Election was held through on-line voting system. Members elected its zonal committee members unanimously. The newly elected members are: **Chairman:** Shri Sudhir Kumar Singh; **Vice Chairmen:** Dr. Dulal Chandra Sen and Shri Milton Milton; **Secretary:** Ms. Amita Sinha; **Treasurer:** Shri Suresh Kumar; **Member (RE):** Dr. Sanjeev Kumar and Shri Suryamani Kumar; **Member (PP):** Ms. Shweta Sinha and Shri Maheshwar Prasad; **Member (DI):** Shri Apurba Kumar Mitra and Mrs. Meera Singh; **Member (MP):** Mrs. Madhuri Srivastava and Shri Subodh Srimani.

IDA Kerala Chapter Organizes a Talk on Dairy Industry- Revelations and Regulations

IDA Kerala chapter organized a talk on "Dairy industry- Revelations and Regulations" on September 28, 2022 at seminar hall of Verghese Kurien Institute of Dairy and



Food Technology (VKIDFT). Dr. S.N. Rajakumar, Chairman IDA, Kerala Chapter gave the introductory session. The talk was delivered by Shri Rejeesh R, Assistant professor Department of Dairy Microbiology, VKIDFT.

The session was informative and covered the current and future trends in dairy industry, the amendments in regulations and its importance during post covid era. The next session was the experience sharing of World Dairy Summit 2022 by Shri S. Reuben Vijay and Shri Krishnadas U (Third Year, B.Tech. Dairy Technology, VKIDFT, Mannuthy, Thrissur Kerala). The students acknowledged IDA for giving them opportunity as student volunteers and to be a part of annual meeting of the global dairy sector by the International Dairy Federation (IDF) focusing on the theme 'Dairy for Nutrition and Livelihoods' during September 12-14, 2022 at India Expo Mart in Greater Noida, New Delhi. Shri Rejeesh R was felicitated by Dr. P.I. Geevarghese, Vice Chairman, IDA South Zone. Dr. Aparna Sudhakaran V, Secretary, IDA Kerala Chapter proposed the Vote of Thanks.

IDA (South Zone) Organizes AGBM for the Year 2021-22

The Annual General Body meeting of IDA (SZ) for the year 2021-22 was held at Ahrya International Hotel,



Bengaluru on September 30, 2022. Sixty-one members participated in the meeting. Dr. N.K.S. Gowda, Secretary, IDA (SZ) welcomed the members and presented the list of agenda. Shri C.P. Charles, Chairman, IDA (SZ) provided the opening remarks.

Secretary report and Audited reports were presented by Dr. Gowda and Dr. K.S. Roy, Treasurer. The listed agenda were discussed in the meeting. Dr. B.C. Ghosh, Vice Chairman, IDA (SZ) proposed the Vote of Thanks.

On this occasion, two techno-commercial presentations by M/s. DeLaval Pvt. Ltd. and M/s. R.G.S. Feeds were made on aspects of dairy production and management.

Addressing the day-long dairy Conclave, Shri Amit Shah applauded the excellent performance of the Himalayan State of Sikkim in developing initiatives to empower farmers, women, and dairy cooperatives to boost the rural economy. He congratulated the State for achieving the NCDFI Award for the best-performing dairy cooperative from the Eastern and NE region and highlighted the resilience of Sikkim in persevering through barriers in the face of any given crisis.

Shri Amit Shah said that the government is committed to increase the domestic dairy market of Rs 13 lakh crore to Rs. 30 lakh crore by 2027, adding India has a huge opportunity to supply milk to countries like Bhutan, Nepal, Bangladesh and Sri Lanka. Government of India has formulated several animal husbandry schemes and in the last 7 years the budget of Rs. 2000 crore has been increased to Rs.6000 crore. Although 70% of the dairy business is transacted in the unorganised sector, targets have been set to reduce it to 20% over the next 5 years, he added.

The Ministry of Cooperation and the National Dairy Development Board (NDDDB) have planned to set up a multipurpose Primary Agricultural Credit Society (PACS) in the next 5 years in every Panchayat that along with distribution of dairy, FPO, Agriculture and Gas Production would make arrangements for LPG distribution, petrol pump and storage and marketing.

He said that the biggest benefit of this is going to be the Eastern and North-Eastern region of the country because the least PACS is registered in the region. If one multipurpose PACS having dairy is opened in every panchayat in the northeast, then no one can stop the prosperity of East and Northeast India. At present, 65,000 active PACS are working in the country.

Dairy industry is the only way for women empowerment, eradication of poverty and doubling of farmer's income, along with making dairy, a system of nutrition is made for thousands of crores of children.

NATIONAL News

Govt. Committed to Increase Domestic Dairy Market to Rs. 30L Cr: Shri Amit Shah said at Dairy Conclave 2022 in Sikkim

The Union Minister for Home and Cooperation Shri Amit Shah inaugurated the Eastern and North-Eastern Cooperative Dairy Conclave 2022 on October 7 at Manan Kendra in Gangtok, the capital of Sikkim. He was the Chief Guest of the Conclave and Chief Minister, Sikkim Shri Prem Singh Tamang was the Guest of Honour. The Conclave was organised by National Cooperative Dairy Federation of India (NCDFI) and Sikkim Cooperative Milk Producers' Union. About 1200 delegates from 12 Eastern and Northeastern States participated in the Conclave.



He said that under the leadership of Prime Minister Shri Narendra Modi, airports, rail links, new national highway networks, irrigation systems and new industries have been set up in every state of the northeast.

Chief Minister Shri Prem Singh Tamang, in his brief address, highlighted various flagship programmes of the State and Central government developed to boost the rural economy and mentioned the financial incentive of Rs. 8 per litre of milk initiated by the State government to augment dairy production as a historical milestone achieved in the dairy sector in Sikkim. Speaking about the increase in milk production, he said that Sikkim has been selling milk to several other States in recent years.

State government is encouraging youths to embrace farming and agricultural practices, which has vast potential and can be a great source of income. He further applauded the excellent work of Sikkim Cooperative Milk Producers' Union Ltd. and added that the State government with the support of the Central government, will provide support and resources required for the upgradation of dairy infrastructure while also tapping into scientific interventions to transform the dairy sector.

Sikkim Best Performing Dairy Coop from East and NE regions

The Sikkim Cooperative Milk Producers' Union Ltd. has been adjudged as the Best Performing Dairy Cooperative from East and North-East regions by NCDFI during the Cooperative Dairy Conclave 2022 of the Eastern and Northeastern regions.

The Award was received by Secretary, Animal Husbandry, Government of Sikkim cum Managing Director, Sikkim Cooperative Milk Producers' Union Ltd., Dr. P. Senthil Kumar, and Chairman, Shri Yam Kumar Sharma, through the hands of Minister of Home Affairs and Cooperation, Government of India, Shri Amit Shah and Chief Minister Shri Prem Singh Tamang.

The milk production in Sikkim is around 2.30 Lakh litres per day of which over 50000 LPD is procured and processed by Sikkim Milk Union. The Union has been supplying milk and milk products to the Army since 2008. It has been delivering around 18000 litres of milk per day, along with milk products like butter and paneer. In recognition of its performance, Sikkim Milk Union was selected as the best-performing State in the Eastern and North Eastern region.

The second and third positions for the NCDFI Award for the Best Performing Dairy Cooperative from East and North-East regions were secured by West Assam Milk Union and Mother Dairy, Kolkata, West Bengal, respectively.

Similarly, Bihar Milk Federation, Jharkhand Milk Federation, Dimapur Dist. Co-operative Milk Producers' Union Ltd., Orissa Milk Federation and Bhagirathi Co-operative Milk Producers' Union Ltd. have received the active participation award from East and North-East regions by the NCDFI during the Conclave.

The Union Minister and the Chief Minister were accompanied on the dais by Minister of Cooperation, GoS, Shri Sonam Lama; Minister of Education, GoS, Shri K.N. Lepcha; Minister of Agriculture, AH&VS and Horticulture, Shri Lok Nath Sharma; Chief Secretary, GoS, Shri V.B. Pathak; Secretary, Ministry of Cooperation, Gol, Shri Gyanesh Kumar; Chairman, National Dairy Development Board, Shri Meenesh Shah; Chairman NCDFI, Shri Mangal Jit Rai; Chairman, India Tourism Development Corporation, Dr. Sambit Patra, and other dignitaries.

New Dairy Development Policy in Uttar Pradesh: 5000 Crore Investment Expected

The Yogi government has given green signal to the Uttar Pradesh Dairy Development and Milk Product Promotion Policy-2022 in the cabinet meeting. Under the new policy, subsidy of up to 5 crore will be given for setting up milk processing units in UP. Apart from this, an interest subsidy of Rs 10 crore will be given for five years.

With this grant, the availability of milk and its based products will be increased. The main objective of this policy is to make the state one trillion dollar economy. Under this, the target of capital investment of 5 thousand crores will be achieved in the next five years.

At present only about 10 percent of the total marketable surplus milk is processed in the state. In such a situation, to benefit the milk producing farmers with the new policy, its capacity will be increased to 25 percent, which will increase the existing milk processing capacity from 44 percent to 65 percent.



This will increase investment in the state on a large scale, while employment will also increase. Along with this, 10 percent of the cost of plant, machinery, technical civil works and spare parts, or a maximum of Rs. 5 crore, will be given subsidy for setting up and developing a milk processing unit.

Yogi government's new milk policy will form the basis of the state's goal of one trillion dollar economy. Along with improving the rural economy, this policy will also play an important role in nutritional security. At the same time, this policy prepared will attract foreign investors in the Global Investors Summit to be held in January. An investment of Rs 5000 crore is expected through the policy. Under this, investment will also be increased for setting up green field dairy and for capacity development, technology up-gradation. The target has been fixed to get investment for setting up of Cattle Field Plant, Refrigerated Van, Insulated Milk Tank and other cold chain investment, Small Enterprise based Milk Processing.

On the other hand, people will keep better breeds of cows if they get a fair price for milk. They give milk to full capacity for a long time, for this they will give balanced and nutritious animal food. In this way the demand for bran, sardine, khanda, cake used in animal feed will increase. These animal feeds are mainly products of different crops.

The increasing demand for balanced and nutritious food will give a fillip to such an industry. Along with this, the farmers will get the benefit of the demand for agricultural products to make them. In the new policy, for the first time, the Yogi government will give a discount of up to seven and a half crore rupees on the animal feed manufacturing facility. Every year one lakh people may get employment opportunity.

Haryana Dairy Development Cooperative Federation Increases Purchase Price of Milk



Cooperative Minister Dr. Banwari Lal had announced that the Haryana Dairy Development Cooperative Federation will increase the purchase price of milk from Rs 770 to Rs 800 per kg fat from October 1, 2022. The decision is directly going to benefit the milk producers.

The minister said this would help the milk unions to reduce the cost of production, adding that the Haryana Government was working to strengthen the cooperative system of dairy sector in the state.

FSSAI Mandates Registration of Foreign Food Factories Including Dairy Plants

Foreign food manufacturing facilities exporting certain "high-risk" categories to India need to mandatorily register with the Food Safety and Standards Authority of India (FSSAI) with effect from February 1, 2023. The categories identified for mandatory registration includes milk and milk-based products, meat and meat products including poultry and fish, infant nutrition, nutraceuticals and egg powder.



As per regulations, the international food factories can be subjected to inspections and their registration can be cancelled or suspended if found to be non-compliant with Indian food safety standards.

FSSAI has requested authorities in exporting nations to provide a list of existing manufacturers who intend to export products in these categories to India. "Based on the list provided by the competent authority of the exporting nation, registration of such manufacturing facilities will be done by the FSSAI at its portal," the order stated.

Reacting on the above Shri Amit Lohani, Founder and Director, the Forum of Indian Food Importers (FIFI), said, "We strongly urge the authorities to ensure that such requirements do not hamper ease-of-doing business. Indian business representatives are in constant discussions with international players and hope that this requirement does not delay the ongoing trade discussions."

"After the massive impact of pandemic-related uncertainties, businesses are now resuming. Some positive trade outlook and a procedural obligation of this nature could make operations unviable for them. We will continue to engage with the FSSAI and will re-emphasise the concerns of the industry," he added.

Amul to Join Hands with Other Cooperatives for Certification

Amul will join hands with five other multi state cooperatives to form a separate multistate co-op for the purpose of certification, Cooperation Minister Shri Amit Shah said recently.

Addressing the 70th Plenary Session of the North Eastern Council (NEC), Shri Shah said this process has already

started. The government led by Prime Minister Shri Narendra Modi is giving priority to natural agriculture and digital agriculture and for certification of natural products, the process to form a multi-state cooperative society with Amul and five other cooperative societies.

The MSCS will ensure the export of the products after its certification so that profit can go directly into the bank accounts of the farmers. The Gujarat Cooperative Milk Marketing Federation Ltd. markets its products under the Amul brand.

While speaking at the North-Eastern Cooperative Dairy Conclave in Gangtok, Shri Shah emphasised the need to double milk production in the country over the next five years, not just to meet the demand in the domestic market, but also those of neighbouring countries.

He further said that we have a huge opportunity to deliver milk to countries like Bhutan, Nepal, Bangladesh and Sri Lanka, and to explore this world market, the government is setting up a multi-state cooperative which will act as the export house.

Nanotechnology-based Dipstick for Instant Detection of Adulterants in Milk Developed by College of Dairy Science, Amreli



On September 29, 2022, Principal and Dean, College of Dairy Science, Kamdhenu University, Amreli Dr. V.M. Ramani and Research Scholar Dr. J.H. Kabariya, demonstrated a technology developed by them to detect adulteration in milk in the presence of Hon'ble Minister of Agriculture, Animal Husbandry, Gujarat Shri Raghavjibhai Patel; Member of Parliament of Anand District, Gujarat Shri Miteshbhai Patel and Hon'ble Vice Chancellor, Kamdhenu University, Gujarat.

Nanotechnology-based dipstick for instant detection of adulterants in milk has been developed by Dr. V.M. Ramani, Principal and Dean, College of Dairy Science, Kamdhenu University, Amreli. The device can instantly detect eight kinds of adulterants in milk. This technology has feature *i.e.* Ease of use, instantaneous result, low cost and it does not need any expert personnel. It can be used by all from the household level to the district milk cooperative level. This technology can detect single as well as multiple adulterants at a time, while no other available technology have this feature of detecting multiple milk adulterants.

College of Dairy Science, Kamdhenu University, Amreli has got this technology patented and they have initiated for the technology transfer of this innovation.

College of Dairy Science, Kamdhenu University, Amreli, Gujarat has secured First Rank at National Level in the ICAR KRITAGYA Hackathon 2.0, which was organized by the Indian Council of Agricultural Research (ICAR), New Delhi.

Dvara E-Dairy, Jana Small Finance Bank Jointly Launch Cattle Loan Service for Farmers

As per the recent press statement made by Dvara E-Dairy Solutions, they have launched a cattle loan "Dvara Surabhi Loan", offered digitally by leveraging new-age technologies in partnership with Jana Small Finance Bank to create scalable access to finance for unbanked and underbanked small dairy farmers in Tamil Nadu and Karnataka.

They are offering a tailored loan products for dairy farmers towards cattle purchase and maintenance. The cashflow dependency on dairy and how well the cattle are managed is assessed through a combination of the 'Surabhi Score', a comprehensive score arrived based on digital assessment of the cattle which provides how well the cattle is managed and the estimated cashflows for the next 12 months taking into consideration various factors, as well as the farmers' credit score. This helps mitigate the risk and helps identify the 'right borrower' for the loan. The loan amount varies between Rs. 30,000 to Rs. 150,000, with an average ticket size of Rs. 80,000. The loan product will go a long way in enabling financial access for small and medium dairy farmers to enhance their livelihoods and increase their incomes.

"The scheme is launched in selected areas and we are encouraged by the results. 30 per cent of our customers are first-time borrowers, and we have received 100 per cent on-time digital repayments. We have now



expanded our service across Tamil Nadu and Karnataka, with plans to expand in a phased manner to other parts of the country," said Shri Ravi KA, Founder & CEO, Dvara E-Dairy Solutions.

The Dvara E-Dairy Solution aims to create synergy between dairy farmers, financial services institutions and value chain companies to assist them in making informed decisions. Dvara E-Dairy's Surabhi platform provides comprehensive financial and cattle management solutions to India's small and medium dairy farmers. As part of its Surabhi platform, Dvara E-Dairy has created the following solutions:

Surabhi ID

Unique, digital, tamper-proof, verifiable identity of the cattle based on muzzle identity.

Surabhi Score

Comprehensive score arrived based on the digital assessment of the cattle leveraging artificial intelligence (AI) and incorporating advanced veterinary science and practices. Helps in underwriting cattle accurately and achieving scale.

Dvara Surabhi

a Do-it-yourself (DIY) mobile application for the farmers to know the cattle's health status (as an indicator) within 60 seconds.

Dvara Surabhi Loan

Cattle loan by leveraging Surabhi Score + Credit Score

Amul to Start Work on 20 LLPD Milk Processing Unit in Saurashtra

Gujarat Cooperative Milk Marketing Federation Limited (GCMMF) will soon start work on a new 20 lakh litres per day (LLPD) milk processing plant near Rajkot, creating additional processing capacity in the region. Prime Minister Shri Narendra Modi is likely to virtually perform the ground-breaking for the Rs. 500-crore plant very soon.

The plant, considered as a common mega dairy for the Saurashtra region, will be set up at Gadhka village in

Rajkot district. The Saurashtra region, comprising 11 districts, collectively produces about 35 lakh litres of milk per day. But only about 10-12 lakh litres gets processed at the existing co-operative dairy facilities available with Rajkot district union, Amreli district union, Surendranagar district union among others.

A major share of the milk has to be transported to Amul Fed dairy in Gandhinagar for processing on daily basis. This takes about 8-10 hours from milking of the animal till the milk reaches the processing center in Gandhinagar. Further, many value-added products travel back to Saurashtra market causing an escalation in transportation cost thereby resulting into reduced remunerations for the milk producers of the region. The annual transportation cost is around Rs.100 crore.

There won't be any milk holiday during the flush season and also the savings from transportation cost will allow dairies to pay a little higher procurement price to the producers. So, once this facility is ready in Saurashtra, it will directly benefit farmers of the region, said Dr. R.S. Sodhi, Managing Director, GCMMF.

With this new plant, the dairies would be able to process and deliver the milk faster in the market. Now, if there is an increase in milk procurement in the region in future, they will still be able to handle additional quantity. The plant will take about 2-3 years to be ready. It is expected that in the next five years, the milk procurement in Saurashtra region to grow at about eight per cent, the daily milk procurement may touch 35 LLPD. The plant, according to Dr. Sodhi, will also produce value-added milk products such as butter oil (Ghee), butter, skimmed milk powder (SMP), besides the liquid milk packaging and ultra-high treated milk.

Because the region is in close proximity to ports such as Mundra and Kandla, there is a possibility of export from this plant.

Packaged Foods and Beverages Record Brisk Sales in Festive Season

Consumers are splurging on food products this festival season after two years of lull, thanks to the pandemic, reported companies operating in the segment, such as Parle Products, Amul, and Bikanervala Foods.

Packaged food companies are witnessing a surge in sales as the country experiences a 'normal' festival season after two years of gloom due to the COVID-19 pandemic. Companies operating in the segment, such as Parle Products, Amul, and Bikanervala Foods, reported a 15-20 percent growth in sales during the

current phase of the festival season, compared to the pre-pandemic period, and expect to clock even higher sales during Diwali.

"There is tremendous demand this season for milk and milk products, and even inflation has not deterred people from spending during the festivals. We are seeing 20 percent higher consumption of our products, compared to the pre-COVID period," said Dr. R.S. Sodhi, Managing Director, GCMMF.

Bikanervala Foods, too, has seen a 15-18 percent surge in sales on the back of festivals and is expecting demand to jump even higher. This could lead to a 20-25 percent jump in sales this Diwali compared to the pre-COVID period.

"Indian consumers have expressed a robust desire to shop more this festival season. It started from Rakshabandhan and will go on till Diwali. And it will be the first time in the past two years that we have seen such high sales as the pandemic majorly affected our sales in the past two years. We are targeting festival-season sales of over Rs 400 crore," said Shri Manish Aggarwal, Director, Bikanervala Foods.

According to packaged food companies, demand for their products is not just high in urban areas, but also in rural areas, where consumption has been sluggish due to the impact of inflation. Biscuit maker Parle Products, for instance, claims to be seeing strong sales in rural areas.

"We are seeing a strong revival in demand from rural areas. We feel this is because farmers have received good realisation for the Rabi harvest due to geo-political tensions that raised wheat prices. Also, though monsoon was deficient in a few regions initially, it has covered (all areas) in the last month, raising expectations of a good Kharif crop," said Shri Mayank Shah, Senior Category Head, Parle Products.

Nova Dairy's Effort to Improve the Lives of Indian Dairy Farmers

Sterling Agro is commonly known as Nova Dairy is aiming to improve the lives of dairy farmers via its most recent initiatives. Nova Dairy emphasized in its most recent statement that the organization has put up strategies for dairy farmers to produce clean milk. Additionally, the firm intends to provide animal health and feed advice and expertise. Nova Dairy is employing technical initiatives to collect and cool milk as quickly as possible to prevent it from spoiling.

Feed prices for animals have risen dramatically, causing farmers to raise their selling prices. Additionally, the

country's inadequate dairy infrastructure is another issue that the dairy sector as a whole is attempting to address. As a result, in order to assist dairy farmers, Nova Dairy is developing ideas for a dairy market that will benefit both parties.

Nova Dairy has one of three cutting-edge facilities in Haryana, Madhya Pradesh and Uttar Pradesh, all of which are supported by research and development centres. In addition, Indian Railways, Nestle, ITC Limited, Air India, etc., are among the company's favoured institutional and corporate bulk clients.

15 Biggest Dairy Companies in the World

In an article published under Insider Monkey on Yahoo Finance website, the author claims to have picked 15 biggest dairy companies of the world after a careful assessment of the dairy industry. The details of each dairy company are mentioned alongside a discussion around top firms in the sector in order to provide readers with some context for their investment decisions.

Biggest Dairy Companies in the World

15. Meiji

The first Japanese company on this list, Meiji, made \$5.9 billion in revenue last year. It is one of the largest dairy and confectionery enterprises in the world, selling a variety of dairy products such as ice cream, cheese, and milk. In addition to dairy products, it also sells pizza and drinks. Meiji has a market cap of \$6.25 billion. Meiji is one of the top dairy companies in the world.

14. Sodiaal

Earning \$5.7 billion in 2021, Sodiaal is a French dairy company on the list. Numerous Sodiaal brands, including Candia, Regilait, Entremont, and Yoplait, are well-known internationally. 17,000 different producers in France provide the raw materials for these brands. The company was established in 1964 to accommodate the then-evolving tastes of French consumers.

13. Amul

Anand Milk Union Limited (AMUL) is a cooperative brand run by Gujarat Cooperative Milk Marketing Federation Ltd. (GCMMF), which was founded in 1946 and is now jointly owned by Gujarat's 3.6 million milk producers. Amul entered the Rabobank Global Top 20 Dairy Companies list in August 2019, becoming the first dairy firm in India to be a part of the list.

12. Savencia Fromage & Dairy

With nearly 20,000 employees, this French dairy company made \$6.6 billion in revenue. Savencia is famous for producing high quality cheese products. Their brands include Saint Agur Blue, Etokri, Saint Albroy, and Alouette. Their sales growth was 13% in the first semester of 2022, of which 11% was organic. However, they suffered a 10% decline in current operating profit due to inflation.

11. Unilever

With more than 400 globally renowned and adored brands in a wide range of industries, Unilever is one of the most renowned and well-known corporations in the world. With over 300,000 workers worldwide and operations in over 190 nations, Unilever also has a significant presence in the dairy sector. \$6.4 billion of the company's overall revenue, which exceeds \$50 billion, comes from the dairy sector. Last year, the company made \$8.3 billion in the dairy sector. In recent years, Unilever started a Health and Wellbeing business whose turnover already reached €1 billion.

10. Saputo Inc.

This Canadian dairy company made \$12 billion last year. It has nearly 17,000 employees and operates in Canada, the UK, the US, Argentina, and Australia. Major brands include Alexis de Portneuf, Cathedral City, Friendship dairies, Sungold, and Dairyland.

9. Arla Foods

Arla Foods is the largest dairy company in Scandinavia and the UK, which generated \$13.3 billion in revenue in 2021, and is based in Denmark. Lurpak and Castello cheeses are a few of the famous brands of Arla Foods.

8. FrieslandCampina

The Dutch enterprise FrieslandCampina has 33 locations and almost 22,000 employees. After Campina and Friesland Foods merged in 2008, the firm was officially created. It significantly expanded in 2016 when it paid \$450 million for a 51% share in Engro Foods Pakistan.

7. Mengniu Dairy

Mengniu's primary products include ice cream and dairy products. With annual revenue of \$13.7 billion, Mengniu is the main competitor of Yili group, as both are based in China.

6. Fonterra

Fonterra was established in New Zealand in 2001, when two largest dairy firms of the country merged together. They were Kiwi Co-operatives Dairies and New Zealand Dairy Board. Fonterra CO-operative

Group Limited became New Zealand's largest company and world's sixth largest dairy company. In 2021, Fonterra made \$14.8 billion in revenue. The market cap of Fonterra is \$2.39 billion. In addition to The Hershey Company (NYSE:HSY), The J.M. Smucker Company (NYSE:SJM), and Eli Lilly and Company (NYSE:LLY), Fonterra is one of the premier dairy companies.

5. Yili Group

With annual earnings of \$18.2 billion, the biggest dairy company in China is Yili, which has its headquarters in Hohhot. Yili processes and manufactures milk, ice cream, milk tea powder, fresh milk, and sterilized milk. The business was established in 1993 and served as an official sponsor of the 2008 Summer Olympics in Beijing. In the first half of 2022, Yili made \$890 million in profit which is 15.4% more than the previous year.

4. Dairy Farmers of America

Since Dairy Farmers of America is a cooperative, it is co-owned by the 13,000 farmers who send their milk products to DFA facilities to process, package, and sell their milk. The bulk of these farms are local and source their ingredients from farms in the area they serve. The annual revenue in FY2021 was \$19.3 billion.

3. Danone

One of the biggest beverage corporations in the world, Danone is also included in this list. With its headquarters in Paris, this global corporation from Europe today markets its goods in more than 120 nations. They earned \$20.9 billion in 2021.

2. Nestle

Nestle, based in Switzerland, is a multinational food company with annual revenue of \$21.3 billion in FY 2021 and market cap of \$298.65 billion. This makes Nestle the 22nd most valuable company by market capitalization. Nestle employs more than a quarter million people in 189 countries in 447 factories. A few famous brands include Nescafe, Kitkat, Nesquik, Smarties, and Vittel.

1. Lactalis

The largest dairy product firm with annual revenue of \$26.7 billion, Lactalis is owned by the Besnier Family. It is also the second largest food company in France. 75,000 people are employed globally, at 250 production facilities in 50 nations. Moreover, Lactalis leads the world's cheese market with 36% of its total revenue attributed to the product. Lactalis refused to withdraw from Russian markets after the Russian invasion of Ukraine in 2022. This led to controversies against them.

Amul Becomes Argentina Football Team Sponsor in FIFA World Cup Qatar 2022



In the FIFA World Cup Qatar 2022, Amul is the second Indian company to be associated with it after BYJU's. Amul has become the official regional sponsor of the Argentina football team in the FIFA World Cup. The company took to social media platform Twitter to announce the news. The FIFA World Cup is being held in Qatar in November 2022. Amul also created a unique poster in honour of the legendary Lionel Messi. The poster said 'Masska for Messi.'

SPX FLOW Launched its new APV Flex-Mix™ Pilot Mixer

SPX FLOW launched its new APV Flex-Mix™ Pilot Mixer providing a flexible, compact, multi-function design within the convenience of the customer's own lab. It enables food and beverage customers to test small-scale pilot batches of low to high viscosity product samples using just a single unit. And the recipes can be replicated on a bigger scale. There are three different mixing settings:

Atmospheric mixing: For low viscosity products like ice cream mix and recombined dairy products. It uses internal recirculation and scales up to our Flex-Mix™ Liquiverter mixer.



Vacuum-mixing: For low viscosity products like infant formula and plant-based products. It uses external recirculation and scales up to our Flex-Mix™ Instant mixer.

All-in-one mixing with or without vacuum or heating: For medium and high viscous products like processed cheese and meat products. It uses internal recirculation and scales up to our Flex-Mix™ Multiverter mixer.

Customers can buy or rent the pilot mixer to conduct tests at their own facilities, including developing recipes for everything from infant formula, ice cream, sauces and high-protein yogurts. The in-house tests give customers a better sense of whether products and recipes can be replicated on a bigger scale. In addition, by conducting the tests on a smaller scale, customers can avoid shutting down their production lines for a long time. For more information, interested members may write to ft.india.information@spxflow.com

INTERNATIONAL News

New Zealand Proposes Plans to Tax Livestock Burps, Farts

New Zealand unveiled plans to tax the greenhouse gas emissions from farm animals, in a controversial proposal designed to tackle climate change. PM Ms. Jacinda Ardern said the levy would be the first of its kind in the world.

Gases naturally emitted by New Zealand's 6.2 million cows are among the country's biggest environmental problems. The scheme would see farmers pay for gas emissions from their animals, such as methane gas in the farts and burps from cows, and nitrous oxide in the urine of livestock.

Ms. Ardern told farmers they should be able to recoup the cost by charging more for climate-friendly products. She said the "pragmatic proposal" would reduce agricultural emissions while making produce more sustainable by enhancing New Zealand's "export brand". The government hopes to sign off the proposal by next year and the tax could be introduced in just three years' time.

But with New Zealand going to the polls in the next 15 months, the proposal could cost her rural votes as farmers condemned the plan. Andrew Hoggard, President of the Federated Farmers lobby group, said the scheme would "rip the guts out of small-town New Zealand". He argued the tax could push farmers into growing trees on fields used to rear livestock.

Global Dairy Overview

Western Europe

Although European milk production is nearing the seasonal nadir for the year, some regions have had positive weekly milk delivery growth. Milk deliveries in parts of Germany continue to fluctuate with shifts in the weather, but weekly deliveries in France have been slightly above those of the previous year. In addition, September milk deliveries in Great Britain are thought to be above last year levels. A few dairy market observers note that spot milk has become a bit more available recently, making cream and skim milk concentrate also more available. Prices for industrial cream and spot milk have eased in the last few weeks. While the availability of milk and dairy supplies has improved in the last few months, the European Commission's Department for Agriculture and Rural Development expects the 2022 annual EU milk collection will still be approximately 0.5 percent lower than the 2021 milk collection. The hot and dry summer weather hindered forage and crop development, leaving farmers with limited feed supplies for the summer and the coming winter months. Some farmers increased cow culling or shortened their cow lactation cycles to adjust to the feed availability.

Given the rising farm input costs, limited feed availability, and increased cow slaughter, the European Commission's Department of Agriculture and Rural Development does not expect much opportunity for milk production recovery in 2023. More typical weather patterns may help improve milk yields, but high farm input costs, herd reductions, and weakened consumer demand may prevent the growth of European milk production. The commission is projecting a possible milk collection drop of 0.2 percent for next year.

Eastern Europe

Milk production continues along seasonal declines in Eastern Europe. While much of Europe coped with summer heat and drought, the weather impacts were less extreme in parts of Eastern Europe. Market observers note that Poland, in particular, may have positive milk growth for the year. The European Commission's Department of Agriculture and Rural Development projects 2022 annual milk collections in Poland to be about 2 percent higher than in 2021.

The 2022 grain harvest is ending. The Ukrainian agricultural ministry projects the final estimated wheat and barley harvests to be approximately 59 percent of the 2021 harvests. The conflict between Ukraine and Russia has limited Ukraine's grain harvest.

Meanwhile, the Russian grain harvest is projected to be a record grain crop, prompting the Russian government to consider suspending its grain export quota. The quota reserves grain stocks needed for domestic needs within Russia.

United Nations officials are working with Ukraine and Russia to try to extend and expand the Black Sea grain export deal. The original deal could expire in late November, but officials are hoping to extend the agreement for another year. In addition, the negotiators are exploring the possibility to include Russian grain and fertilizer exports within a new deal.

Oceania Dairy Market Overview

NEW ZEALAND: As New Zealand milk production settles into October, sources are predicting another month of weaker than anticipated milk output. Milk production season to date is currently down 4.2 percent. At the forefront of several explanations impacting milk output is on the farm issues such as limited staffing, along with weather conditions as major contributors. The near term could turn out to be even more daunting, with reports of La Nina conditions possibly developing. Sources expect milk production may be the lowest September milk output since 2017.

With the downturn in global commodity prices at GDT event 17 and WMP futures, the New Zealand milk price forecast for 2022-2023 retreated to \$9.31/kg MS. Market representatives in New Zealand are expressing concern in noting the possibility of increased downward pressure on global commodity prices as the EU and US milk production improves, which would likely prompt further increases in their export activities.

AUSTRALIA: In Australia, the August 2022 seasonal milk production report shows monthly milk production at 658.094 million litres, down 5.9 percent from August 2021. While tighter milk supplies have helped maintain milk prices, labour issues and higher costs for feed have limited the ability to translate prices into higher production. As lower milk production helps drive strong competition, one processor has consolidated its business operation, closing some regional dryer and cheese operations.

Event CALENDAR

Dairy Industry Conference

March 16-18, 2023

Gandhinagar, Ahmedabad (Gujarat)

First Announcement

Indian Dairy Association has scheduled to organize 49th Dairy Industry Conference during March 16-18, 2023 at Gandhinagar, Ahmedabad (Gujarat).

Members and readers are requested to reserve your dates in advance for the Conference. Other details will be shared in the next issue of the journal.