

Chairman NDDDB Interacted with Australian Minister for Agriculture

On the 3rd of July, the Australian High Commission at its residence in New Delhi hosted a reception to welcome Hon'ble Mr. Murray Watt, Australian Minister for Agriculture, Fisheries and Forestry.

Dr. Meenesh Shah, Chairman NDDDB and CEC Member of IDA had a brief discussion with the Minister on the spectacular growth of Indian dairy industry.

The Minister evinced keen interest in developments of Indian agriculture and dairying. Dr. Shah invited the Australian Minister to visit Anand. Dr. G.S. Rajorhia, former President-IDA also participated in the Reception. Both the IDA CEC members met other Officers of the



Australian High Commission and other invitees attending function and responded to their enquiries about dairying.

IDA West Zone Organizes a National Seminar at Bombay Exhibition Centre, Mumbai

Indian Dairy Association (West Zone) in association with Inter Food Tech organized a National Seminar on "Sustainability through technology and innovation for the dairy /food industry" on June 7, 2023 at Mumbai. After auspicious beginning with lamp lighting, Dr. J.B. Prajapati, Chairman, IDA (West Zone) gave his welcome address, wherein he highlighted the activities of IDA. Talking on the theme, he narrated that sustainability cannot become reality unless you apply the holistic approach and do overhauling at each and every stage from farm to fork. He emphasised on the need of taking steps on animal management, process operation, marketing, energy savings and digitalization. Shri Devendra Shah, Chairman, Parag milk foods was the Chief Guest of the function. Shri Shah

stressed on the need for taking various steps towards sustainability in dairy industry.

Dr. K. Rathnam, CEO, Milkymist Dairy, in his address as Guest of Honour talked about various initiatives taken for new product development and optimizing operations. Shri Dashrath Mane, Chairman of Sonai Dairy talked on the demand and supply of milk and dairy commodities.

Ms. Aparna Kolte, AGM, NABARD briefed about various products of NABARD to promote dairy sector. Shri Amol Jagtap, Asst. Director, FSSAI, Mumbai





highlighted the importance of food safety, ensuring adulteration free milk and other measures to safeguard consumers. Dr. J.V. Parekh, Vice Chairman, IDA (West Zone) presented vote of thanks.

Dr. Juneja highlighted the need to make use of technology innovation in animal breeding. Sex sorted semen has success ratio of 90% for female calf which help in improving economy of farmers. Right technique of AI and quality of semen are very important. Ms. Richie Agarwal highlighted need for consumer acquisition. Value added products have high returns of about 10% and they are growing fast. CAGR of fermented products is above 10% whereas that of cheese and paneer is 20%. Shri Ajit Patel advocated the importance of testing milk for adulterants. Fool proof systems for milk procurement are in demand. Ms. Richa Sharma spoke on the importance of starter strains in product quality and health values.

VKIDFT and IDA Kerala Chapter Organises International Yoga Day 2023

As part of International Yoga Day 2023, a workshop was organized in the college auditorium on the occasion of International Yoga Day by the NSS Unit of VKIDFT in association with Isha foundation and Indian Dairy Association, Kerala Chapter on June 21, 2023 from 2.30 to 4.00 pm.

About 100 volunteers enthusiastically participated in this program. The program started with simple yoga practices then focused mainly on Yoga Namskara. Members of Isha foundation demonstrated asanas. Talking about the importance of yoga, the Dean/Chairman, IDA (Kerala Chapter) Dr. S.N. Rajakumar and Associate Dean Dr. A.K. Beena said that yoga can bring stability in life and advised to follow it regularly. This program was organized under the guidance of Administrative Officer Shri Arun, NSS Program Officers Dr Jose Mathew and Dr. Divya M P.



As a part of international Yoga day 2023 a poster competition was held on June 19, 2023 based on the theme of Yoga day 2023 #yoga for vasudhaivaakudumbakam. Anusana and Akshaya Janani from DT 22 got first prize. Veena and Joswin from FT 22 and Hashmi and Akhil Krishnan from DT 20 won second and third prize respectively.

New Executive Committee of IDA Bihar State Chapter Formed

The election result of the Bihar State Chapter of IDA was declared on June 23, 2023. The new committee members were elected unanimously. The election was held under the nominated Returning Officer Dr. P.K. Sinha. The other election committee members were Shri Suryamani Kumar and Shri Sanjeev Sinha. The newly elected members are: Chairman: Shri Dharmendra Kumar Shrivastava; Vice Chairman: Shri Pramod Kumar Sinha; Secretary: Shri Ratneshwar Jha; Treasurer: Shri Avinash Kushwaha; Member (RE): Prof. Ravi Ranjan Kumar Sinha; Member (DI): Shri Sujit Kumar Mishra; Member (PP): Shri Ashok Kumar; Member (MP): Vacant.

IDA Eastern UP Local Chapter Elects its New LEC

The election result of the IDA Eastern UP Local Chapter was declared on July 8, 2023. The new Local Executive

Committee (LEC) members were elected unanimously. The election was held under the nominated Returning Officer Shri I.K. Narang. The other election committee members were Shri Parveen Sharma and Shri Anil Issar. The newly elected members are: Chairman: Dr. Arvind; Vice Chairman: C.P. Milk and Food Products Pvt. Ltd.; Secretary-cum-Treasurer: Dr. Tarun Verma; Member (RE): Dr. John David; Member (PP): Shri Mukesh Chand; Member (DI): Vacant; Member (MP): Vacant.

NATIONAL News

Prime Minister Inaugurates 4000 Cubic Mtr Dung-Based Biogas Plant

Prime Minister Shri Narendra Modi inaugurated NDDB's 4000 cubic mtr (per day) capacity cattle dung-based biogas plant at Varanasi on July 7, 2023 in the gracious presence of Smt. Anandiben Patel, Hon'ble Governor of Uttar Pradesh, Shri Yogi Adityanath, Chief Minister of Uttar Pradesh and other eminent dignitaries.

Terming it as a path breaking step leading to sustainable dairying, Dr. Meenesh Shah, Chairman, NDDB said that the Dairy Board has taken several strides towards realising our Hon'ble Prime Minister's vision of "Waste to



Wealth" and also taking it forward to "Waste to Energy", which meets the energy requirements of the milk processing plant. This plant is a unique model, wherein thermal and electrical energy needs of a dairy plant is being met by dung purchased from dairy farmers and the slurry produced is utilised as organic fertilisers.

Country's first-of-its-kind dung-based biogas-based plant has been funded, installed and commissioned by NDDB at the premises of NDDB-managed Varanasi Milk Union, which has processing capacity of about 2 lakh litres per day.

The 4000 cubic mtr/day digester capacity plant run by NDDB Mrida Ltd. is meeting the energy needs of the dairy plant. Procurement of 100 MT cattle dung/day is also providing additional income to the district's dairy farmers. Biogas produced is utilised as fuel in the boiler of the dairy plant fulfilling steam requirement for milk processing. Further, available biogas after steam generation is used for power generation. Generated electricity is used for dairy and biogas plant operations. Overall, fuel cost per litre of milk processed will be reduced by almost 30%. It is also estimated that the

IDA Office Bearers Recent Interaction with Policy Makers

Dr. R.S. Sodhi, President IDA, met Ms. Alka Upadhyaya IAS, Secretary, Department of Animal Husbandry & Dairying, Ministry of Fisheries, Animal Husbandry & Dairying on July 13, 2023 and discussed various issues related to Dairy. During the visit, Dr. Sodhi presented her copies of latest IDA journals - *Indian Dairyman*, *IJDS* and *Dugdh Sarita*.



Dr. R.S. Sodhi, President-IDA and Shri Hariom Gulati, Secretary General, IDA, met Hon'ble Union Minister of Fisheries, Animal Husbandry and Dairying, Govt. of India Shri Parshottam Rupala on July 19, 2023 and appraised him on various current issues related to the dairy sector.



plant will avoid approximately 21,000 t CO₂ equivalent emissions by use of biogas as fuel.

Substituting Light Diesel Oil (LDO) with green energy will contribute in reduction of crude oil import. Production of good quality slurry-based organic manure will also reduce input cost on fertilisers, boost agricultural productivity and improve soil health. NDDDB Mrida Ltd. will collaborate with Gujarat State Fertiliser Company (GSFC) and supply organic fertilisers to the farmers of Uttar Pradesh and Bihar.

Credit Guarantee Scheme for Livestock Sector to Boost Rural Economy by Leveraging MSMEs: Centre



Department of Animal Husbandry & Dairying, Ministry of Fisheries, Animal Husbandry and Dairying is implementing the Credit Guarantee Scheme under Animal Husbandry Infrastructure Development Fund (AHIDF) to strengthen

credit delivery system and facilitate smooth flow of credit to the Micro, Small & Medium Enterprise (MSMEs) engaged in Livestock sector without hassles of collateral security. For operationalizing the scheme, DAHD has established a Credit Guarantee fund Trust of Rs. 750 crores, which will provide credit guarantee coverage up to 25% of the credit facilities extended to the MSMEs by the eligible lending institutions.

The credit guarantee scheme facilitates access to finance

HIGHLIGHTS

- **Scheme to act as a key enabler and risk mitigation measure for lending institutions and enabling collateral free funding to Livestock Sector**
- **Credit Guarantee Scheme is implementing under Animal Husbandry Infrastructure Development Fund to strengthen credit delivery system and facilitate smooth flow of credit**
- **Key Features of AHIDF Scheme: Interest Subvention of 3%; loan up to 90% of total project cost from any Scheduled Bank and National Cooperative Development Corporation (NCDC)**

for un-served and under-served livestock sector, making availability of financial assistance from lenders to mainly first-generation entrepreneurs and under privileged section of society, who lack collateral security for supporting their ventures.

The main objective of the Credit Guarantee Scheme is that the lender should give importance to project viability and secure the credit facility purely on the basis primary security of the assets financed.

The establishment of credit guarantee fund trust was approved under the Prime Minister's AtmaNirbhar Bharat Abhiyan stimulus package of Rs. 15000 crores "Animal Husbandry Infrastructure Development Fund" (AHIDF) for incentivizing investments by individual entrepreneurs, private companies, MSMEs, Farmers Producers Organizations (FPOs) and Section 8 companies to establish (i) the dairy processing and value addition infrastructure, (ii) meat processing and value addition infrastructure, (iii) Animal Feed Plant, (iv) Breed Improvement technology and Breed Multiplication Farm (v) Animal Waste to Wealth Management (Agri Waste Management) and (vi) Setting up of Veterinary Vaccine and Drugs Manufacturing facilities.

One of the key features of the AHIDF scheme is the establishment of a Credit Guarantee Fund Trust of Rs. 750 Crores. DAHD has formed a trust with NABSanrakshan Trustee Company Private Limited, a wholly owned subsidiary of NABARD for the establishment of a Credit Guarantee Fund Trust for extending the credit guarantee to Micro, Small & Medium Enterprises under AHIDF scheme. This fund trust established in March 2021 is the Nation's first ever fund trust under Credit guarantee scheme of AHIDF in the agriculture and Animal Husbandry sector and is a path-breaking initiative taken by DAHD which would exponentially increase the number of MSME units getting benefits of AHIDF scheme and strengthen the ecosystem for the collateral-free credit from the banks.

The credit guarantee portal has been developed as a rule based B2B portal and implemented the enrolment of eligible lending institutions under Credit Guarantee Scheme, issuance/renewal of Credit Guarantee Cover and Settlement of Claims.

Notably, the initiative of credit guarantee scheme taken by DAHD is expected to greatly increase the participation of MSMEs engaged in livestock sector leading to increased flow of credit to the sector and strengthen the MSMEs to boost the overall rural economy through strengthening the Livestock sector which is of one of the most potential sector seeking development.

To know more, visit: <https://dahd.nic.in> and <https://ahidf.udyamimitra.in>

Shri Amit Shah Asks NABARD to Fix Targets for Financing Rural Farm Sector



Addressing the 42nd Foundation Day of NABARD in New Delhi, Shri Amit Shah, Hon'ble Minister of Home Affairs and Cooperation, Government of India said, a country that has more than 65 percent rural population cannot

be imagined without an institution like NABARD. The Cooperation Minister said, for the last four decades, NABARD has proved to be the backbone of this country's rural economy, infrastructure, agriculture, and cooperative institutions. He said, it has been the backbone for self-help groups for over one and a half decades. He said, today villages are becoming self-sufficient and at the same time agriculture, the soul of the rural economy, is making its mark in the whole world.

NABARD has a huge role in making every person in the village self-reliant especially the women, through self-help groups and establishing them in society with self-respect. It has successfully increased the work of refinancing and capital formation. So far eight lakh crore rupees have been injected into the rural economy through NABARD for capital formation. To meet the various needs of agriculture, NABARD has refinanced 12 lakh crore rupees in the rural agricultural economy. In 42 years, NABARD did the work of refinancing 20 lakh crore rupees in the rural economy with a growth rate of 14 percent. Calling it a big achievement in the rural economy, he said, no one except NABARD can do the work of strengthening the country's rural economy, strengthening finance in the country's cooperative system and increasing rural infrastructure in the Amrit Kaal of Independence. The Cooperation Minister said, NABARD has provided financial assistance to one crore Self Help Groups. It is the largest programme of microfinancing in the whole world and the country achieved this feat through NABARD.

District Cooperative Bank has initiated the service of providing Rupay credit cards along with debit cards. Under the co-operative scheme, the bank accounts of members of all co-operative societies have been transferred to the district co-operative bank and all the milk producer societies have been included as Bank Mitra. Shri Shah further said that if we move ahead with the concept of 'Cooperation among Cooperatives' in the cooperative system of the country and if the entire money from PACS to APACS remains within its fold, then

the cooperative system will require no money from anybody.

The Union Minister said, under the leadership of Prime Minister Shri Narendra Modi, the period of nine years, from 2014 to 2023, is historic across many fields especially in eradication of poverty and development of agriculture. He said that whenever the history of the country will be written, the 9 years of governance of Prime Minister Narendra Modi will be etched in golden letters. Due to lack of timely changes in the laws, the cooperative system had deteriorated over time as it could not synchronize itself with the modern changes taking place in society and the field of finance, he said.

Prime Minister Shri Narendra Modi formed the Ministry of Cooperation to revive this entire cooperative system and made the lives of crores of people prosperous. The Cooperation Minister said, in the past two years Government has made many changes in PACS. With NABARD as nodal agency, computerization of 63 thousand PACS is being done, under which, the entire system from PACS to NABARD, including banking, auditing, will be made online through software. He said, the government has also changed the bylaws of PACS and made them multi-dimensional. Shri Shah said, now, PACS will also engage in the work of storage, open Jan Arogya Kendra, run Fertilizer shops, become part of PDS system, and will be provided the work of petrol pump and gas agency.

On this occasion, Shri Shah also distributed Micro-ATM cards to milk societies and RuPay Kisan Credit cards to the members of these societies.

Dr. Sodhi Explains Why GST on Ghee and Butter Must Come Down

The government may propose reducing goods and services tax (GST) on ghee and butter to 5% from the current 12%, according to government documents reviewed by media wing "Mint".

The plan comes as retail milk prices have risen by 10.1% in a year and 21.9% over the past three years due to higher feed and fodder costs for cattle.

Expressing his view in favour of reducing the GST on Ghee and Butter, President, Indian Dairy Association Dr. R.S. Sodhi said that if you put ghee under the luxury product category, under a 12% GST slab, it pinches pockets of consumers as well as farmers. India is meeting 70% of its edible oil consumption by importing palm oil, which is placed under a 5% GST slab. A 12% GST translates to Rs. 70 per kg, and to make a kg of ghee, it requires 12-14 litres of milk. Where farmers could get

Rs. 5-6 more on milk price, they end up spending more because of the 12% GST on ghee.

In July last year, the GST Council withdrew exemptions granted to certain dairy products to rationalize the levy and prevent tax leakages. While pre-packaged and labelled milk products including paneer, curd, lassi, and buttermilk levy a 5% GST, condensed milk, cheese, butter, and ghee are taxed at 12%.

The GST on ghee and butter should be equal to cooking oil, which is 5%, so that farmers get the right price for their agricultural produce, Dr. Sodhi said. Lowering GST on ghee would not only benefit farmers but also help arrest the upward trend in inflation. A reduction in ghee prices would also help curb adulteration and allow farmers to reduce retail prices for milk.

India, Sri Lanka to Sign MoU to Foster Animal Husbandry and Dairy

In a move aimed at enhancing cooperation in the field of animal husbandry and dairy, the Governments of India and Sri Lanka are set to sign a joint declaration of intent.

The proposed declaration outlines a shared commitment to improving the quality of dairy products in Sri Lanka, achieving self-sufficiency in milk production and boosting the income of small-scale dairy farmers.

Upon the Attorney General's office clearing the drafted Joint Declaration of Intent, the Cabinet of Ministers at its recent meeting approved a combined proposal presented by President Mr. Ranil Wickremesinghe in his capacity as the Finance, Economic Stabilisation and National Policies and the Agriculture Minister Mr. Mahinda Amaraweera.

"The collaboration between India and Sri Lanka holds immense potential for the dairy sector in both countries. India, being one of the world's largest producers and consumers of milk, possesses valuable expertise and advanced technologies in the field of animal husbandry and dairying. By leveraging India's knowledge and experience, Sri Lanka aims to enhance its dairy industry's overall productivity, efficiency, and quality standards," Cabinet Co-Spokesman and Minister Mr. Bandula Gunawardena said at the post-Cabinet meeting media briefing. Through knowledge sharing, technical assistance, and capacity-building initiatives, he said India will assist Sri Lanka in developing sustainable dairy practices and modernising its dairy infrastructure.

"The joint declaration of intent in animal husbandry and dairying stands as a testament to the commitment of India and Sri Lanka to foster agricultural innovation,

promote rural development, and achieve self-sufficiency in the dairy sector," he added.

Mr. Gunawardena said Sri Lanka used to produce 1.2 million litres of fresh milk before the pandemic and it has now gone down significantly low levels. By implementing advanced techniques and best practices, the country can reduce its dependence on imported dairy products and bolster domestic production. This, in turn, will enhance food security and provide economic opportunities for small-scale dairy farmers.

Amul to Invest Rs. 5,000 Crore to Set Up Milk Processing Plants

Amul will invest Rs 4,000-5,000 crore over the next two to three years, largely into milk processing plants across the country. "We would be adding about 15-16 new plants, as we plan to go closer to the consumers," said Shri Jayen Mehta, MD, GCMMF (Amul).



Amul is building a modern facility in its home state Gujarat's Rajkot district, which will produce 20 lakh litres of milk a day. It also

plans to set up a plant each in two cities of Uttar Pradesh-Varanasi and Baghat-to produce 10 lakh litres a day. In addition to that they are also looking at setting up new, modern plants in Kolkata and Pune. In all, it plans to add 80 lakh litres to its existing capacity of 420 lakh litres. Of the total investment, Shri Mehta said, the company has set aside Rs 1,000 crore for its ice-cream business, part of which is under the government's production-linked incentive scheme. The remaining will be utilised for capacity expansion, new products and upgrading of existing facilities.

The Gujrat-based dairy cooperative collects 300 lakh litres of milk every day, processes it through 98 dairy plants and then markets the product with the help of its 15,000-odd distributors and a million-plus retail outlets.

Summer Sales Not as Expected

Even as the first quarter sales came in double-digits, it was short of expectations, Mehta said. "Consumption of summer products such as beverages, ice-creams, buttermilk were impacted during the quarter." While inflation is a factor, the other sales dampener was unseasonal rains. The company has increased retail prices by 5-6% in the last one year, as against an overall inflation of 8-10%, the Shri Mehta said. The situation, however, is "pretty good" now, with milk production on

the rise. "If the current situation persists, then we don't see any reason for more price hikes going ahead." Shri Mehta expects demand to remain steady during the rest of the year. "We are confident of growing at 18-20% in the ongoing fiscal too," he said. The company has set a sales target of Rs 66,000 crore for FY24. At a group level, he expects sales to cross Rs 80,000 crore by the end of the fiscal. Besides, the huge expansion plan that is already underway will take care of GCMMF's anticipated growth target to achieve Rs 1 lakh crore turnover in the next couple of years. In FY23, the company registered a turnover of Rs 55,055 crore, indicating a growth of 18.5% over the previous year. The growth is attributed to higher demand for branded consumer products like curd, cheese, paneer, butter, cream, beverages and ghee. The group turnover of the 18-member union of Amul has crossed Rs 72,000 crore during the year ended March 2023.

New Engines of Growth

Fresh milk consumption is increasing dramatically, especially post Covid, as health-conscious consumers shift from loose to branded products. Amul derives about 50% of sales from fresh milk in pouches. Besides, Amul is scaling up its non-dairy portfolio, eyeing every item in a kitchen. Its plan to build a consumer goods empire offers stiff competition to behemoth New Engines Of Growth Fresh milk consumption is increasing dramatically, especially post Covid, as health-conscious consumers shift from loose to branded products.

The company has identified a few new categories to fuel its next phase of growth. These are probiotics, proteins and organic food products. Amul has already launched a few probiotic products such as ice-creams and yoghurt and it has now also converted its entire range of buttermilk pouches-30 lakh litres produced across its dairy plants every day-into probiotic buttermilk, to make it available as a mass market product.

Protein is also a major focus area for Amul. Shri Mehta said, "We are already India's largest manufacturer of cheese and paneer. Now, we are in the process of launching more protein-rich products."

The company has also entered the organic food space last year and has launched a few products like organic atta, rice and pulses. It plans to launch sugar, masalas, jaggery, tea, among others. The idea is to have every item found in a kitchen to be in an organic form.

J&K LG Praises Bandipora's Dairy Entrepreneur for Transforming Livelihoods

Lieutenant Governor of J&K Shri Manoj Sinha commended Shri Peerzada Muqem, an entrepreneur

from north Kashmir's Bandipora district for transforming livelihoods through dairy farming.

In the recent episode of the talk show, 'Awaam Ki Awaaz', the LG highlighted the inspiring journey of Muqem, a postgraduate in Diplomacy, Law and Business. He said that with unwavering determination to forge his own path, Muqem defied conventional norms by choosing dairy farming as his means of livelihood, ultimately establishing a successful milk processing plant.

Shri Sinha said that under the guidance and support of the district administration and Department of Animal Husbandry in Kashmir, Muqem tapped the vast potential of dairy farming, transforming it into a lucrative business venture.

"Currently supplying approximately 300 liters of fresh milk to the market, Muqem has not only secured a handsome livelihood for himself but has also created employment opportunities for many in the district," he said.

The LG praised Muqem's entrepreneurial spirit and announced his commitment to further growth.

He said that his uplifting story highlights the importance of recognising and nurturing the unique talents and aspirations of individuals like Muqem, while also showcasing the significant role played by governmental support systems in empowering educated youth to explore unconventional avenues for economic growth and self-sufficiency.

"Setting an ambitious target of supplying 1000 litres of milk by the end of July 2023, Muqem exemplifies the notion that success and knowledge are not merely sought but achieved through hard work and bold decision-making," Shri Sinha said.

Focussing on Livestock will Double Farmers' Income

According to the recently published write-up of Dr. M Srikanth Director, Centre for Agri-Business Management, MANAGE, Hyderabad, the latest data of Basic Animal Husbandry Statistics 2022, the livestock sector had a share of 30.13 per cent in agriculture, at constant prices. India has the largest population of livestock and is a world leader in production of milk, meat, eggs, etc. But it lags in terms of productivity and exports.

By leveraging livestock, small and marginal farmers can add value to crops through manure, increase their incomes significantly irrespective of the season, and ensure sustainable agricultural practices. Further, doubling of farmers' income may be achieved through

the following policy measures:

Sustainable agri-business models: Farmer can look at secondary agriculture, by using their own raw material/resources to create a value added product, for instance, jaggery making unit run by a sugarcane cultivator. Alternatively, farmers may follow the successful 3-tier co-operative model of AMUL. Further, farmers may adopt hub and spoke model for decentralized production and centralized on-line marketing of meat and sea foods.

Integrated livestock farming: By opting for integrated livestock farming (two bullocks, one cow, one buffalo, goats, poultry, and ducks of 10 each, along with cultivation of crops), farmers in a tribal area in Gujarat had a cost-return ratio of 1:2.40 times and generated gainful employment of 316 days in a year. This model not only provides nutritional bio-security but also facilitates bio-diversity wherein dung and urine of animals become manure for soil fertility.

Export orientation: India exported livestock products of Rs. 30,953 crore in 2022 as against Rs. 7,547 crore in 2010 with a CAGR of 9.42 per cent. The share of buffalo meat was 80 per cent of these exports, as it has robust demand in the global markets due to its lean in character and near organic in nature. However, India does not figure among the top exporters of livestock products mainly due to high cost of logistics, limited value addition, non-tariff barriers, issues related to quality, sanitary and phytosanitary standards.

Therefore, the farmers need to team up with Agricultural and Processed Food Products Export Development Authority (APEDA) and use quality testing services and residue monitoring done in the 220 recognised labs spread across India.

The government can synergise the collaborative efforts of various Ministries, APEDA, National Dairy Development Board, Food Safety and Standards Authority of India, Export Promotion Councils, commercial banks, etc. to boost export of livestock and its products, especially organic produce. Going forward, livestock farmers should create an export basket of low volume and high value commodities with Geographical Indication tag such as Kadaknath chicken, wool from Angora rabbit and Osmanabadi goat's milk as health elixir. Special efforts are required to develop breeding centres, cold storage chain infrastructure, and packaging and labelling agencies to effectively compete in the international markets. *(Source: The Hindu Business Lines)*

Punjab to Impart Free Dairy Training to SC Farmers

In order to increase the income sources of Scheduled Castes (SC) farmers and give them opportunity to adopt

dairy farming, Punjab Government has decided to impart free dairy farming training to SC candidates, said Shri Gurmeet Singh Khudian, Punjab Animal Husbandry, Dairy Development and Fisheries Department Minister. Punjab Dairy Development Board will impart free dairy training, besides providing them a stipend of Rs. 350 per day during the training.

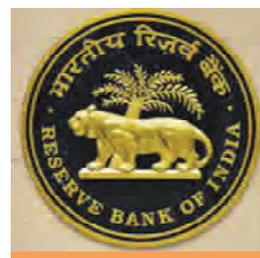
During the training, he said that candidates would be trained in purchase and care of milch animals, breed improvement, making products from the milk, seasonal diseases in animals, cattle feed preparation at home, growing green fodder throughout the year, etc.

Training will be conducted at nine training centres situated at Chatamli (Rupnagar), Bija (Ludhiana), Phagwara (Kapurthala), Sardulgarh (Mansa), Verka (Amritsar), Gill (Moga), Abul Khurana (Sri Muktsar Sahib), Tarn Taran and Sangrur. The training will be imparted in three batches under this scheme. First Batch has been scheduled from July 24 to August 4, 2023 and the second batch will be organised from September 25 to October 6, 2023 whereas the third Batch will be held from November 28 to December 8, 2023.

Candidates aged between 18-50 years (male and married female) can apply for the training and they must be 5th pass, besides belonging to rural areas. One day exposure visit and training kit will also be provided to them.

He asked the eligible beneficiaries to contact their nearest Office of Deputy Director Dairy Development. For further any enquiry, aspiring candidates can contact Dairy Development Department, Punjab at phone no. 0172-5027285.

RBI uses Milk Supply Data for Dairy Farmer Loans



For many farmers or dairy farmers, getting a bank loan is impossible for want of any credit history. But here is a solution: A new platform by the Reserve Bank Innovation Hub that enables a borrower to tap into the data on milk sold by the dairy farmer to Amul or the land records available with the state government to determine the payment capacity.

The "frictionless credit" initiative, which is so far ready for farm and dairy loans, is proposed to be expanded to education loans (using the Digi Locker), MSMEs (based on Udhyaam registration and GST and tax records) and even vehicle and personal loans as tests have shown

that a loan can be sanctioned in less than 10 minutes. RBI's own survey had earlier showed that it used to take two-four weeks to process farm loans and used to cost around 6% of the loan amount.

"It will be the equivalent of Open Network for Digital Commerce (ONDC) for lending. Banks will be able to tap into data from multiple sources to decide on giving loans," said an RBI official.

The entire process is app-based, which can either be used by the borrower or the bank's officials, who will deploy hand-held devices and use biometric authentication to verify borrowers' credentials as well as consent and disbursement of the loan. In case of farm loans, for instance, banks will use PAN, voter ID or other government-issued ID cards and the digitised bank records to process a loan. Currently, five states are on board with more joining in. Similarly, for milk, only Amul's database of 30 million farmers can be accessed at the moment.

But satellite data or soil health reports can also be accessed by banks, on request, to determine the creditworthiness, for say, a loan to grow wheat, paddy or maize. Based on a NABARD-developed formula, loans are sanctioned according to the land holding.

When the project started a key challenge was to get banks to rework their processes since their loan origination systems did not interact. "Even if they could access land record details, KYC, credit score or other details, it was not integrated. Similarly, each bank had to get into separate tie-ups with states, making the task tough," explained another RBI official.

Dairy Cooperative Society for Women Opens in Appukodu

Minister for Milk and Dairy Development Shri T Mano Thangaraj inaugurated Women Primary Milk Producers' Cooperative Society at Appukodu village in Ithalar panchayat of Ooty in Tamil Nadu, recently.

Constructed at a cost of 22 lakh, the society will assist local women in cattle rearing. The minister disbursed 1.42 lakh worth loans on behalf of the district lead bank to eight women beneficiaries each to procure cows. "The Nilgiris is an apt place for cattle rearing as green fodder is easily available in the hills," he said.

"Aavin requires more milk. Hence, we are encouraging the younger generation to take up cattle rearing. Milk producers are getting a uniform price for milk throughout the year from Aavin, irrespective of change in the market trend. Several initiatives are being taken up by the government to further develop Aavin," the minister added.

Haryana Govt. Launched Hi-tech and Mini Dairy Scheme for Additional Income to Farmers

Haryana Chief Minister Shri Manohar Lal interacted with the beneficiaries of mini and hi-tech dairies of Animal Husbandry Department under 'CM's special discussion' program in Chandigarh recently. He said that we have a strong dairy option. Due to which the farmer will be able to get additional income. The Chief Minister said that the government has started Hi-tech and Mini dairy schemes for small farmers and rural youth to start their work. Under the scheme, 25% subsidy is given on the cost of animals to open a mini dairy with up to 10 milch animals.

Apart from this, 50 percent subsidy is given on opening a dairy of 3 animals under the scheme to provide employment to the scheduled caste people. Interest subvention is given for setting up hi-tech dairy with more than 20 milch animals. Chief Minister told that under this scheme, 13244 dairies have been established during the tenure of the present government. In order to meet the requirement of capital for animal husbandry, the Pashudhan Kisan Credit Card scheme has been started. So far 154000 Pashudhan Kisan Credit Cards have been sanctioned by the banks.

The Chief Minister said that the cooperative movement has played an important role in bringing white revolution in the country. A network of cooperative dairy societies is also spreading in Haryana, Vita's products have their own place in the market. At present, there are 3300 cooperative dairy societies and 6 milk processing dairy plants in the state for the purchase of milk. Under the Mukhyamantri Milk Producer Incentive Scheme, incentive amount is given at the rate of Rs.5 per litre to the milk producers of cooperative dairy societies. A scholarship scheme has also been started for the children of milk producers of cooperative dairy societies.

INTERNATIONAL News

GDT Price Index Down 1% on July 18, 2023

International dairy prices fell while volumes were up at the second auction of the July month's Global Dairy Trade (GDT) on July 18, 2023.

The GDT Price Index was down 1%, with an average selling price of \$3,289 per metric tonne. The index fell 3.3% at the previous auction on July 4, 2023 with an average selling price of \$3,334, according

to GDT Events.

A total of 25,956 tonnes of dairy products were sold at the latest auction, up 4.5% from the previous sale, as per the auction platform.

Key Results

AMF index up 3.4%, average price US\$4,745/MT
 Butter index down 2.7%, average price US\$4,705/MT
 BMP index not available, average price not available
 Ched index down 10.1%, average price US\$3,955/MT
 SMP index down 0.6%, average price US\$2,503/MT
 WMP index down 1.5%, average price US\$3,100/MT

NMPF Letter Warns FDA: Don't Repeat Plant-Based Mistakes with Lab-Produced Fake 'Milk'

The US Food and Drug Administration (FDA) must end dairy product mislabeling by manufacturers of synthetic, cell-based "dairy" ingredients that are in violation of federal dairy Standards of Identity to prevent a repeat of the plant-based labeling fiasco that's created confusion among consumers and regulatory headaches at the agency, the National Milk Producers Federation (NMPF) said in a letter to the agency.

"Bored Cow's product takes water and adds what we believe to be one unidentified, lab-engineered 'whey protein' along with a highly processed concoction of food additives, preservatives, oil, sugar and several added vitamins, and claims to have created 'animal-free dairy milk.' It is baseless, preposterous and absurd to call the resulting product 'milk,'" NMPF President and CEO Jim Mulhern said in the letter. "In the interest of public health, the misleading labeling charade must end before it gets out of hand. FDA must act, and must do so now."

NMPF, which has repeatedly called on FDA to enforce its identity standards for milk as plant-based fakes have proliferated, has been warning the agency that lab-based milk imposters would be next on the horizon without agency action. Even as the agency is wrestling with draft guidance that finally acknowledges consumers' core concern over plant-based beverages – their false positioning as dairy equivalents in the face of glaring nutritional inferiority – lab-based imitators are following the plant-based playbook and plastering "milk" and other standardized dairy terms on products that in composition bear little resemblance to true dairy.

"As we have seen in the decades-long folly of plant-based beverage labeling, an ounce of prevention is

worth oceans of cure," NMPF President and CEO Mr. Jim Mulhern wrote.

He requested the agency to exercise its well-established authority to prevent this company and others that seek to follow from leading consumers down what will become a superhighway of misinformation, in absence of willingness to enforce the law.

International Dairy Market Overview

As per the latest USDA data of July 7, 2023, international market overview are as follows:

EUROPEAN

Western European

The seasonal decline of milk output has continued across much of Europe. Various industry sources suggest weekly milk collections are decreasing. In week 25, milk volumes in Germany decreased by 0.5 percent compared to the previous week. And in Great Britain, milk deliveries decreased 1.7 percent compared to the previous week. As weekly collections decrease, year-to-date milk collections are still trending above the previous year's volumes in Germany, Holland, and the United Kingdom. However, early summer drought and heat have suppressed year-to-date milk collections in France, Italy, and Spain. And year-to-date collections in Ireland are also trending below those of 2022.

The lower weekly milk volumes are stabilizing milk prices for the moment. After milk pay prices fell through the first half of the year, a few milk processors are holding July farm milk pay prices near the same level as June prices. Weekly spot milk prices have also stabilized or have risen in a few cases. Uncertainty of milk supplies, for the second half of the year, have market participants trying to determine market direction. Dairy markets, in general, are quiet as many Europeans begin their summer holidays. But there is a bearish sentiment to markets due to the uncertainties of future demand, economic pressures, and the ongoing conflict in Ukraine.

With farmers facing economic and environmental regulatory pressures, many market participants anticipate steady to lower milk volumes for the second half of the year in Western Europe.

Eastern European

In Eastern Europe, there are seasonal declines in weekly milk volumes, but year-to-date milk output is still ahead of last year in Bulgaria, Romania, and Poland. According to online information sources, milk production in Poland has continued to grow in each month of 2023 when compared to 2022. Poland is a major dairy

producer in the region, exporting significant amounts of dairy products into international markets. Regionally, Poland supplies Ukraine with 69 percent of their fresh dairy imports.

As the 2023/24 grain export season begins, trade officials note lower volumes of grain getting exported from Ukraine. While the season is only in the first few days of the new season, officials say grain shipments are about half of what was exported last year during the same period. In addition, only half of the current exports left the country under the Black Sea port deal. Neither Ukraine nor Russia anticipates the grain deal to be extended beyond the expiration date of July 17. Ukrainian officials say they must plan to utilize almost exclusively their Danube River ports for grain exports in the coming months.

OCEANIA DAIRY MARKET

New Zealand

Following the recent approval from the European Council, the free trade agreement between New Zealand and the European Union has moved closer to completing the contract as early as next month. There is contention from some European farmers who say the deal could cause a flood of New Zealand dairy products into European dairy markets. Details of the agreement suggest that the New Zealand dairy industry could accumulate export revenue valued as much as \$120 million. Meanwhile, New Zealand dairy export volumes and values for May 2023 show an increase for all major dairy commodities. Reports show the country's total dairy export volumes jumped 35 percent compared to May 2022. Value basis figures for total dairy exports rose 15 percent year-over-year, with 9 and 25 percent increases for WMP and SMP, respectively.

Australia

Welcome news for the Australian dairy industry was the May milk production report, which underlined a 1.6 percent, year-over-year, increase in output. The increase was the first monthly growth observed this short season, as harsh weather and dairy industry constraints limited milk production output. Locality-wise, for the month of May, New South Wales, Western Australia, and Tasmania reported increases in milk output figures, while Victoria, Queensland, and South Australia posted declines. Meanwhile, Australian April dairy exports posted some not so welcome figures, as total dairy export volumes declined 25 percent, compared to a year ago.

Along those lines, representatives for a major Australian dairy milk processor note that the local competition for milk remains very aggressive. As a result, the price of milk off the farm does not reflect reductions in global prices, creating pricing concerns for bulk commodities headed for international markets.

SOUTH AMERICA DAIRY MARKET

Reports show mixed milk output in Brazil during the first quarter of the year, but Argentine and Uruguayan reports are a little more steady month to month. Clearly, the long and persistent drought, which has eased despite contacts continuing to report some relative recent dryness, has played a part in keeping milk output in check. That said, near- and mid-term expectations are starkly different from those of previous years from regional contacts in regard to later winter/early spring milk output. There are reports of the El Nino phenomenon affecting rainfall in the region, but contacts are still expecting strengthened output in comparison to the last two years in Argentina and Uruguay, for now. Farmgate milk prices have increased due to the volatility/limits of milk production. Feed prices are still notably higher, compared to pre-drought years, due to crop limitations brought on by drought conditions until the past few months.

Brazil continues to be a prime destination for dairy commodity exporters in Argentina, Uruguay and Chile. That said, as Brazil's milk production expectations have garnered strength, there are tell-tale signs that their winter/spring purchasing will ebb. Prices of dairy powders are beginning to fall in line with globally bearish values. Asian demand has been light, as exporters look to northern African countries as a secondary destination for commodities. Contacts suggest that with longer distances and higher freight costs, the recent and relatively steady to bullish price points of skim and whole milk powders are beginning to wane.

Global Dairy Growth Slumps to Record Low-IFCN

Milk production had been growing steadily at around 2.5% per year but this fell to 0.4% in 2022. This was despite a large number of European and North American dairy farms making a profit in 2022, according to IFCN's provisional results (Based on preliminary analysis available to date, finalised data expected autumn 2023) from typical farms around the world.

Dairy experts at this year's IFCN's Researcher Conference raised concerns about the sustainability of sector and how it will meet dairy demand in the long-term. More than 210 dairy specialists from more than 60 countries attended the conference, held in Latvia and live-streamed around the world.

Challenges facing the dairy sector varied between regions. Developed areas are grappling with environmental and animal welfare challenges, as well as shortages of labour, land and willing successors to take on family farms. Less developed nations are

concerned about uncertain economic and political conditions and a lack of infrastructure to support dairy growth.

The conference's conclusion was that farmers should aim to 'think global but act local' by considering where they fit in the global picture and seeking solutions that work in their own region.

During the IFCN Dairy Conference 2023 in Riga Andrea Lendewig - senior researcher at IFCN shared this shocking number which is still under validation.

- Despite record milk prices and very good farm economics milk supply grew in 2022 to only 0,4% which is much lower than the normal rate which is ca. 2,5%.
- World population grew in 2022 by 0.9% and with 0.4 % milk production growth we have per person 0.5% less milk than in 2021.
- People move away from dairy products and dairy alternatives not as a result of consumers' preference shift. There was not enough milk available in 2022.

Dairy Manure Helps Cut Emissions

United Kingdom Pharmaceutical Company AstraZeneca is partnering with Vanguard Renewables, based in Massachusetts, USA, to dairy-cow manure and food waste to help reduce its reliance on natural gas - and to cut carbon emissions at the same time. The change is expected to be complete by the end of 2026.

By 2026 this collaboration is intended to enable as much as 650,000 million British thermal units, or 190,500 megawatt hours per year, of renewable natural gas to be used across AstraZeneca's US sites. That's equivalent to the energy required to heat more than 17,800 homes across the United States for one year.

Pam Cheng, Chief sustainability officer at AstraZeneca, said, "We recognize the inter-connection between the health of people and the planet, and are committed to driving deep decarbonization across our operations and value chain. This partnership is an illustration of how we are collaborating at scale to deliver sustainable science and medicines, as part of the transition to net-zero health systems and a circular economy."

The new agreement will utilize Vanguard Renewables "Farm Powered" process, allowing Vanguard Renewables to work with dairy farmers as well as food and beverage manufacturers, retailers and distributors to produce renewable natural gas using farm-based anaerobic digestion from food and dairy-cow manure.

Once the renewable natural gas is produced and captured through anaerobic digestion, it will be injected into existing natural-gas infrastructure for use in AstraZeneca's medical research and manufacturing processes. Through the partnership with Vanguard Renewables, AstraZeneca states it will access excellent-quality renewable natural gas from three on-farm anaerobic-digester facilities across the United States for the next 15 years or more.

The collaboration will utilize food and waste from local and family-owned farms, he said. The process captures

Analyzing the Dairy Industry's Imbalance Issue in USA

Demand for fluid milk continues to drop, forcing dairy farmers to dump milk, some of it winding up in the Milwaukee sewer system.

Food Processing recently reported truckloads of milk were dumped into the Milwaukee Metropolitan Sewerage District because demand for fluid milk has fallen. Ninety percent of Wisconsin milk is made into cheese, but there's a lack of cold storage facilities to handle the surplus.

The report said sewer district officials did not reveal how much milk was dumped or how long the dumping had been going on, but the amount likely was in the hundreds of thousands of gallons. A spokesman told reporters the dumping had declined to five truckloads a week, with each truck carrying as much as 7,000 gallons.

The milk had to be treated by Earth Environmental to bring the effluent up to Environmental Protection Agency standards before it could be released into Lake Michigan.

The Wisconsin Cheese Makers Association called the dumping unfortunate. Association Executive Director John Umhoefer said, "This is perfectly good milk. We do believe this will come to an end swiftly, but right now we are in an imbalance. It's a shame."

The dumping is not exclusive to Wisconsin. Wisconsin State Farmer recently reported more than 60 members of Associated Milk Producers Inc. were told to dump their milk. The Association has members in Iowa, Minnesota and Wisconsin. The report said it appeared the co-op was rotating which members were being told to dump their production. Wisconsin State Farmer reported that milk prices are much lower than anticipated. Wisconsin produces about 14% of U.S. total production, the second largest producer behind California.

methane from dairy operations that would have otherwise been emitted into the atmosphere. It will reduce pollution from the farming sector.

Vanguard Renewables has been working with multi-generational dairy farms as well as food and beverage manufacturers since 2014. The company states it provides sustainable solutions to greenhouse-gas-emission challenges by diverting food waste from landfills and sequestering on-farm emissions.

Vanguard's "Farm Powered" process provides dairy farmers across the United States with an additional revenue stream via land lease.

The a2 Milk Co. Receives Certified Regenerative Status

Nonprofit certifier A Greener World (AGW) announced The a2 Milk Co.'s Grassfed a2 Milk Whole Milk and Grassfed a2 Milk 2% Reduced Fat Milk are Certified Regenerative by AGW. This certification provides a whole-farm assurance of regeneration and sustainability, measuring benefits for soil, water, air, biodiversity, infrastructure, animal welfare and social responsibility.

Like all a2 Milk products, the company's new line of Certified Regenerative by AGW milk comes from cows that naturally produce only the A2 protein rather than the combination of A1 and A2 proteins contained in most dairy products. Grassfed a2 Milk Whole Milk and Grassfed a2 Milk 2% Reduced Fat Milk come from cows that are raised outdoors on pasture and range in accordance with Certified Animal Welfare approved by AGW standards, the highest animal welfare standards in the US and Canada, for independent farms using sustainable agriculture methods.

Certified Regenerative by AGW ensures farms are meeting initial rigorous sustainability standards, but also continually improving. Recognizing every farm is a

unique part of an ecosystem, the core of Certified Regenerative by AGW is a farm-specific, steward-led Regenerative Plan where producers assess risks, set goals and track progress toward their own meaningful milestones with support from qualified experts in agronomy, biodiversity, water quality and other fields. Plans are reviewed, approved and then audited on an ongoing basis by AGW is offering farmers and consumers a third-party source of accountability for each farm's regenerative progress.

As consumer interest in The a2 Milk Company brand continues to grow, adding a Certified Regenerative by AGW, grassfed version is a natural progression that meets rising demand in this premium segment. Like all a2 Milk products, the company's new line of Certified Regenerative by AGW milk comes from cows that naturally produce only the A2 protein rather than the combination of A1 and A2 proteins contained in most dairy products. Combining the digestive benefits that some people experience with a2 Milk with the growing popularity of grassfed milk that has positive impacts on our planet provides a compelling new dairy option for health-conscious and environmentally minded consumers that will also help us continue to build our brand.

Emily Moose, AGW Executive Director said, "We have a tremendous opportunity for positive change through our food choices, and the impacts achieved through Certified Regenerative by AGW are inspiring. Demand for sustainability continues to grow, and while the labelling landscape is constantly evolving, consumers are more particular in distinguishing between legitimate, verified claims and misleading greenwashing. We are thrilled to partner with The a2 Milk Co. in validating their suppliers' Certified Regenerative by AGW practices - and in doing so, help shoppers find products that taste great, match their values and have a genuine positive impact for people, animals and the planet."



New Regulations to Promote Fairness and Transparency for UK dairy sector

The UK government has outlined more detail on regulations set to come into force later this year which will ensure supply contracts in the dairy sector are fair and transparent, with farmers being paid a fair price for their produce.

Delivering on a key commitment set out at the Prime Minister's Farm to Fork Summit earlier this year, the regulations will help establish stability and accountability across the dairy supply chain by enabling farmers to challenge prices, stopping contract changes being

imposed on farmers without agreement, and ensuring farmers are able to more easily raise concerns.

The development of the regulations has been supported by detailed discussion with key industry players including the National Farmers' Union (NFU), Dairy UK, and the government has listened to feedback from farmers and processors to ensure the new regulations address previous concerns and provide tailored support for those in the industry.

Farming Minister Mr. Mark Spencer said, "Farmers must be paid a fair price for their produce and these regulations will provide price certainty and stability for farmers by establishing written milk purchase agreements with clear and unambiguous terms."

The regulations will mean:

- Farmers have clearer pricing terms, with contracts setting out the factors which generate the milk price and allowing farmers to challenge prices if they feel this process isn't being followed. This is a major advance in transparency, which ensures fairer pricing and addresses historical discrepancies in the dairy industry.
- Changes to contracts can't be imposed on farmers without their agreement. This will encourage dialogue between the parties where changes do need to be made - improving trust within the supply chain.
- Farmers' contracts will all include a straightforward way to raise concerns about their contracts, promoting accountability and timely issue resolution.
- There will be clear rules put in place on notice periods and contractual exclusivity, protecting the rights of both buyers and sellers. This will remove any ambiguity from contracts and protect the rights of both buyers and sellers.
- An enforcement mechanism is created to guarantee the regulations are followed, ensuring a fully fair and transparent dairy industry on a solid foundation to thrive in the future.
- The upcoming dairy regulations are part of a series of supply chain interventions confirmed by the government at the Farm to Fork Summit. New reviews will also begin this autumn to help establish fairer supply chains in the eggs and horticulture sectors, and we announced in April that we will also be developing regulations to improve relationships in the UK pig supply chain.
- These regulations have been developed using new powers under the Agriculture Act 2020, and there will be continued engagement with industry to ensure that they meet the needs of the sector and properly address the challenges the sector faces.

IDFA Announces Dairy Forum '24

The International Dairy Foods Association (IDFA) registration for Dairy Forum 2024 has opened.

More than 1,000 dairy leaders convene each year at Dairy Forum to ELEVATE their businesses, advance their expertise, and actively contribute ideas that will shape the future of the global dairy industry. The event returns in 2024 to Phoenix, Ariz. with a top-notch agenda that makes Dairy Forum the industry's most anticipated event each year.

"We are so pleased to invite leaders from across the dairy supply chain to join us in January at Dairy Forum 2024," said Michael Dykes, D.V.M., president and CEO of IDFA. "This year's Forum will feature innovative and inspiring sessions that will ELEVATE dairy leaders' understanding of emerging trends in technologies, personalized health and nutrition, sustainability, domestic and international markets, policy and regulation, and leadership skills needed to attract and retain a diverse workforce."

Dairy Forum includes main sessions, deep dive sessions, panel discussions, special presentations by conference partners, and numerous opportunities to connect with leaders in the dairy industry.

Dairy Forum 2024 will take place January 21-24, 2024, at the JW Marriott Phoenix Desert Ridge Resort—a five-star resort with awe-inspiring vistas, bespoke service and state-of-the-art facilities. The resort boasts 17 brand-new pickleball courts, two championship PGA golf courses, and a spectacular pool experience with five pools, a lazy river, luxury cabana cottages and pool suites. Six in-house dining operations include the creations of celebrity chef Angelo Sosa at the resort's newest culinary addition, Tia Carmen.

The IDFA Dairy Forum offers various levels of sponsorship opportunities. Sponsorship is one of the best ways for an organization to brand itself among the dairy industry's top leaders and thinkers.

To register for Dairy Forum 2024 and to learn more about sponsorships, [visit www.dairyforum.com](http://www.dairyforum.com)

New Twin Screw Pump from GEA Requires 10 Percent Less Energy Due to Improved Efficiency

According to the press release received from GEA, they are launching a new generation of twin screw pumps for food, beverage and pharmaceutical applications that combine both conveying and cleaning functions in one pump. The revamped GEA Hilge NOVATWIN+ is



The GEA Hilge NOVATWIN+ twin screw pump enables production and cleaning operations with only one pump. The low-pulsation pump is particularly suitable for large and sensitive particles, as well as for high-pressure applications due to the 30-bar system pressure. The hygienic design is EHEDG and 3-A certified

more powerful than its predecessor series and, thanks to its higher flow rate, covers a wider range of applications with a smaller pump. Customers not only reduce their material footprint by 23 percent with the new design, but also save ten percent energy thanks to the improved efficiency.

High flexibility with dual function

With variable speeds of up to 3000 rpm, the self-priming positive displacement pump conveys lumpy, shear-sensitive and abrasive media particularly gently. It can handle liquids with an exceptionally wide range of viscosities. Since the GEA Hilge NOVATWIN+ operates almost without pulsation, it is also suitable for large and sensitive particles, for example, in the processing of cheese curds, quark, yogurt and high-protein beverages, as well as new in-demand plant-based products.

"Especially the dairy industry with its complex products benefits from the dual function. Twin screw pumps can also serve as CIP pumps because they can be operated at very high speeds," explains Stefan Andresen, GEA's Product Manager for Positive Displacement pumps. "This means that manufacturers eliminate the need for an additional CIP pump or even the CIP return pump necessary with alternative solutions." The system pressure of 30 bar also allows for use in high-pressure applications - another advantage for the dairy industry.

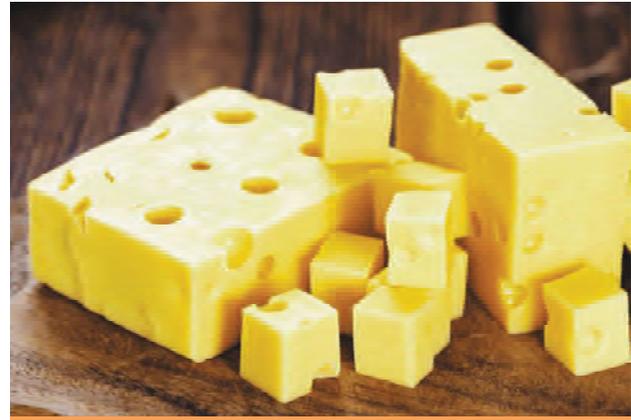
The maintenance of the NOVATWIN+ has been simplified by integrating the blocking tool for tightening and untightening screws in the gearbox. This patented adjustment directly on the screws does not require oil drainage or complete disassembly of the pump.

Switzerland to Become a Net Importer of Cheese this Year

Switzerland will import more cheese than it exports this year for the first time, according to the head of the country's dairy association.

The opening up of the Swiss milk market has put a squeeze on domestic producers in recent years, prompting some to give up, Boris Beuret told Geneva-based newspaper Le Temps in an interview published recently.

Beuret said measures need to be taken to ensure Switzerland - famous worldwide for high-quality cheese varieties such as Gruyère and Emmentaler - can continue to produce for its own population. If not, then the country will end up importing (cheese), which would be absurd economically, socially and ecologically.



Event CALENDAR

World Food India 2023

Date: November 3-5, 2023

Venue: Pragati Maidan, New Delhi

Ministry of Food Processing Industries, Govt. of India is organizing World Food India 2023. Indian Dairy Association is an associate partner of the event. The event will focus on Fruits and Vegetables, Dairy & Value-added dairy product, Meat & Poultry and Fisheries and Marine. Manufacturers, Producers, Policymakers, Investors and Innovators associated with the above products may join the event. (Also see the ad published on page 12.)

Visit www.worldfoodindia.gov.in

IDF World Dairy Summit 2023

IDF World Dairy Summit would be held in Chicago, Illinois, USA, during October 16-19, 2023. The Summit will take place on the shores of Lake Michigan in Chicago, Illinois, USA and not far from America's dairyland. All IDF business meetings and the Summit will be at the Lakeside Center located within the McCormick Place convention center. The theme of the Summit is "Boundless Potential; Endless Possibilities".

For more information,

Visit: <https://idfwds2023.com>