

**IDA News**

**IDA Submits Pre-budget Memorandum 2023 to the Hon'ble Finance Minister**

Dr. R.S. Sodhi, President-IDA along with Vice President, Shri Ajay Kumar Khosla and Chairman, IDA (NZ) Shri S.S. Mann submitted a Pre-budget Memorandum 2023 to the Hon'ble Finance Minister on 6th January 2023.

It was submitted that Dairy and Animal Husbandry Sector should get proportionate budgetary allocation in line with its contribution to National GDP and Dairy need to be included in definition of Agriculture for the benefit of Direct and Indirect Taxes.



Income of Milk Producers members should be exempted from Income Tax treating the same as Agriculture Income. Rationalisation of GST on Ghee was also requested being basic and essential food items.

Dr. Sodhi hopes that the FM will consider the Pre-budget Memorandum submitted in the interest of 8 crore dairy farmers working for their livelihood in the sector.

**IDA Kerala Chapter Organizes Interactive Session**



IDA Kerala State Chapter in association with Verghese Kurien Institute of Dairy and Food Technology, Mannuthy organized an interactive session with Ms. Duthy P.S. Quality Specialist, Thermo Fisher Scientific, LA, USA on January 4, 2023. Dr. S.N. Rajakumar, Chairman, IDA Kerala Chapter welcomed the gathering and introduced the speaker Ms. Duthy P.S., an alumna of this institute. The speaker explained and discussed in detail on perspectives and approaches to be adopted to materialize a successful scientific career in USA based on her own experiences. Dr. A.K. Beena, Vice - Chairman, IDA Kerala chapter offered

felicitation.

As a token of appreciation and gratitude Dr. S.N. Rajakumar presented a memento to the speaker Ms. Duthy P.S. The session was concluded at 11.30 am.

**IDA Gujarat State Chapter Elects its New SEC**

IDA Gujarat State Chapter election process completed on December 26, 2022. It was held under the nominated Returning Officer Shri Niranjn Karade. The other election committee members were Dr. K.D. Aparnathi and Shri Rajesh Singh. Election was held through on-line voting system. The newly elected members are: **Chairman:** Shri Amit Moolchand Vyas; **Vice Chairman:** Dr. Atanu H Jana; **Secretary:** Shri Patel Amitkumar Manojbhai; **Treasurer:** Shri Dipakumar Ratilal Shah; **Member (RE):** Shri Aditya Kumar Jain; **Member (PP):** Shri Srinivas Sajja; **Member (DI):** Shri Nileshkumar Somabhai Darji; **Member (MP):** Valsad Dist. Coop. Milk Producers' Union Ltd.



Dr. J.B. Prajapati, Chairman, IDA (WZ) (formerly Chairman of IDA Gujarat Chapter) handed over his charge to the newly elected Chairman, IDA Gujarat Chapter Shri Amit Moolchand Vyas, MD, Amul Dairy in the presence of Dr. R.S. Sodhi, President-IDA on 21st Jan. 2023.

## IDA North Zone Invites Application for the “Best Maintained Dairy Plant 2021-22”

***Last date for submitting applications extended  
to February 15, 2023***

The notification seeking applications for best maintained dairy plant award for 2021-22 was placed on IDA's Website ([indairyasso.org](http://indairyasso.org)) on 31/12/2022.

### About Award

"Proper maintenance and hygiene of the dairy plant are two most important factors in successful running of a modern dairy plant. It is a matter of great satisfaction that a large number of dairy plants in the country are voluntarily following Good Hygienic Practices and Good Manufacturing Practices ISO 22000 and HACCP Plans. Indian Dairy Association has always been helping the dairy industry to come up to the global standards by organizing various seminars and workshops on this subject. Recognizing this prime need of the present times and to help the industry particularly in the North Zone, the IDA (North Zone) had taken a step further in this regards and had constituted an Award for the "Best Maintained Dairy Plant". The award is being restarted after the Covid break.

### There shall be two awards -

- One for Cooperative & Public Sector plants
- One for Private Sector Plants

All the Dairy Plants located in the North Zone comprising the states of J&K, Punjab, Haryana, Himachal Pradesh, Uttarakhand, Uttar Pradesh, Rajasthan and Delhi are invited to participate in this award in the prescribed format enclosed with this notification (available on IDA's website).

The application with all supporting documents and the requisite participation fee should reach the Secretary, Indian Dairy Association (North Zone), IDA House, R K Puram Sector IV, New Delhi by 15.02.2023 through Email: [idanorthzone@gmail.com](mailto:idanorthzone@gmail.com)

### Participation Fee

Rs. 10,000/- (Ten thousand) per plant.  
It may be paid directly to IDA North Zone bank account in ICICI Bank as per details given below:

### Bank Details

Account holder's name:  
Indian Dairy Association North Zone  
ICICI Bank Account No.: 182401001311  
IFSC Code: ICIC0001824  
Branch: Sector-IV, R K Puram  
New Delhi 110022

The head of organization should certify that the information furnished in the application is true and based on the actual functioning of the dairy plant. The Management is expected to provide any other information that may be sought by the IDA (NZ) or the Jury and to co-operate with the members of the Jury during their visit to the plant for onsite inspection and evaluation.

The decision of the Jury shall be final and binding on all participants. The application from in excel format has been sent to all members/ plants by Email. If you still need the format in Excel format, kindly send your request to Shri I.K. Narang, Hon. Secretary, IDA (North Zone) at [idanorthzone@gmail.com](mailto:idanorthzone@gmail.com) Mobile: 9911160975

We have since received representations that dairy plants need more time to compile data and submit applications. In view of this, the last date for submitting applications is extended to 15.02.2023.

## 49th Dairy Industry Conference Website ([idadairyconference.com](http://idadairyconference.com)) is Live

Members/participants of the 49th Dairy Industry Conference, scheduled on 16-17-18 March 2023 at Helipad Exhibition Centre, Gandhinagar, Gujarat can register themselves as delegate, opt for Sponsorship or place their advertisement in the Souvenir, book their exhibition stalls online directly through [idadairyconference.com](http://idadairyconference.com)

Information related to accommodation, tours and general information (weather, Covid-19 protocol, local currency, etc.) are available on the conference website.

Members can also visit IDA's website ([indairyasso.org](http://indairyasso.org)) to find Link for the conference website. For any other information contact conference secretariat: IDA Gujarat Office, SMC College of Dairy Science, Anand Agricultural University Campus, Anand-388110 (Gujarat). **Email: [idagujs@gmail.com](mailto:idagujs@gmail.com)**  
**Ph.: 9376132364**



INDIAN DAIRY  
ASSOCIATION  
इंडियन डेरी एसोसिएशन

49<sup>TH</sup>  
DAIRY  
INDUSTRY CONFERENCE

## Need to Explore Ways to Reduce Climate Impact on Milk Production: Shri Rupala



Pressing for a need to address the climate impact on animal husbandry sector, Shri Parshottam Rupala, Hon'ble Union Minister for Animal Husbandry expressed the need to explore ways to reduce adverse impact of extreme temperatures on milk production.

At a seminar on "Mitigating the adverse impacts of climate change on Animal Husbandry & Dairying", jointly organised in Anand by NDDDB and National Council for Climate Change, Sustainable Development and Public Leadership (NCCSD), the Union Minister said that in order to reduce Green House Gases (GHG) emission in the dairy sector, it is required that the policies and programmes, emphasising appropriate animal breed selection along with balancing of ration and other such steps to improve the productivity of animals, are implemented.

Shri Rupala also released bi-annual reports of NDDDB-supported Mujkuva Solar Pump Irrigators Cooperative (MSPICE), India's first grid connected enterprise & Zakariyapura Sakhi Khad Sahkari Mandali, women manure management co-operative.

Shri Meenesh Shah, Chairman, NDDDB; Shri Kirit Shelat, Executive Chairman, NCCSD among other prominent dairy sector leaders were present at the seminar besides the experts, scientists, academicians and farmers who participated in the deliberations.

In his address, Chairman, NDDDB said, "NDDDB is committed to mitigate impacts of climate change and promote climate smart dairying. NDDDB's manure value chain is using dung as a source for biogas used as



cooking fuel and slurry-based organic fertiliser to reduce methane emissions and also to provide additional income to farmers. NDDDB has also been promoting adoption of solar energy at various levels of the dairy value chain to reduce use of non-renewable sources of energy."

He further added that a combination of traditional knowledge and scientific techniques can make India's dairy sector more resilient to the challenges posed by climate change.

According to Shri Shelat, the warming trend has been going on for a long time. Its pace has significantly increased. The adverse effect of rising temperatures has led to a reduction in animal productivity and spread of new diseases.

The technical sessions focused on areas like - possible impact of climate change on livestock in tropics & ways to mitigate, role of Indigenous breeds in climate change scenario, strategies for mitigating climate change through nutritional interventions.

## ICAR-NDRI Karnal Offering a Commercial Dairy Farming Course: A Skill Development Initiative

Dairy Farming in India is changing from rearing few cows to more cows thus transforming subsistence dairying to commercial dairy business based on scientific dairy farming practices. Dairying is the fastest growing agri-commodity in the world driven by the growing population, change in dietary consumption pattern due to better disposable income, and increased concern for nutrition and quality products.

Commercial dairy farming has huge potential for employment generation both in rural and peri-urban areas. It is more complex enterprise and needs to be managed scientifically for higher economic returns. Dairy entrepreneur managing commercial dairy farm requires broad knowledge and understanding about improved & sustainable dairy farm practices and keen business acumen.



Considering this important requirement of skill development among the prospective dairy entrepreneurs, ICAR-National Dairy Research Institute designed a Massive Open Online Course (MOOC) on Commercial Dairy Farming to be offered during February 01 - March 31, 2023 in collaboration with ICAR-NAARM, Hyderabad. This is a first of its kind initiative in National Agricultural Research and Education System (NARES). It is developed and financially supported by our ongoing IDP sub-project funded by NAHEP, New Delhi.

The aim of this course is to acquaint dairy entrepreneurs/students with knowledge in principles, planning and technical approach for establishing commercial dairy farms.

This course covers the various aspects of Good Dairy Management Practices which includes; establishment of commercial dairy farm, breeds selection, nutrition management, reproduction & health management, clean milk production, quality assurance, economics of milk production and avenues for dairy entrepreneurship. It is expected that the learners will get a comprehensive understanding about good dairy management practices, after completion of the course.

#### **Anticipated benefits to different stakeholders**

It is anticipated to have benefits for the prospective entrepreneurs, dairy farmers, field extension functionaries and unemployed youth in finding best methods of establishing and managing a commercial dairy farm. Further, for students it is anticipated to serve as a bridge course to fill the gaps in animal husbandry related aspects and claim credits in their academic bank. However, claiming of credits as part of their academic bank is subject to the approval of the Academic Council of ICAR-NDRI, Karnal.

For general public, it may serve as a course to know about dairy farming in a holistic manner from the best Scientists of ICAR-NDRI, Karnal by sitting at their convenient place and access to the course at their convenient time and up on successful completion get the certificate from top ICAR institutes.

#### **Interested member/reader may register online**

<https://docs.google.com/forms/d/1AqJWajk63yrvcbKTARcJmtPxJG88obSKOL2z7205Y14/edit>

#### **Link for the brochure**

[http://ndri.res.in/wp-content/uploads/2023/01/MOOCs\\_CDF\\_FINAL-3-Pages\\_Compressed.pdf](http://ndri.res.in/wp-content/uploads/2023/01/MOOCs_CDF_FINAL-3-Pages_Compressed.pdf)

#### **For further details contact Course-In-Charges:**

Dr. S. Subash Mobile: 9739799807

Email: s.subash@icar.gov.in

Dr. P. Narender Raju Phone: +91-184-2259597

Mobile: 9896038983 E-mail: narender.p@icar.gov.in

## **National Export Co-operative Society to Export Farm, Non-farming Products in three Months**



Nano fertilizers produced by IFFCO and dairy products from Amul will be among the first few products that are expected to be exported by the first-ever National Export Co-operative Society that was approved by the Union Cabinet on January 11, 2023. The

Society's registration will be complete in the next few days and the first consignment will be exported in three months, a senior government official confirmed.

Leading cooperatives - Indian Farmers Fertiliser Cooperative Limited (IFFCO), Krishak Bharati Cooperative Limited (KRIBHCO), National Agricultural Cooperative Marketing Federation of India (NAFED), Gujrat Cooperative Milk Marketing Federation (GCMMF), and National Cooperative Development Corporation (NCDC) will be the promoters of the Society and contribute ₹100 crore each. The society will have an authorised share capital of ₹2,000 crore with the area of operation all over the country. It will have its registered office in Delhi.

Initially, though Amul and IFFCO product will be exported to countries such as Brazil, Philippines, Kenya and Canada. The proposed Society is expected to enhance the scale and volume of exports.

Cooperatives have a presence in almost all sectors, for example, agriculture (food grains, pulses, oilseeds, etc.), horticulture (fruits, vegetables, flowers, aromatic products, etc.), dairy, poultry, livestock, fisheries, sugar, spices, organic products, fertilizer, handloom, handicraft, textile, tea/coffee, minor forest produce, ayurvedic/herbal medicines, processed food and leather, among others.

Cooperatives contribute substantially in various sectors. They contribute 28.80% in fertilizer production, 35% in fertilizer distribution, 30.60% in sugar production and 17.50% in the procurement of marketable surplus of milk in the national economy but their contribution to exports is negligible, the official said.

The Society will benefit the smallest of farmer or artisan who has a good product but does not have access to the right platform. Through this Society, they will get access to international market and good returns too. Once the product has been tested for international

standards, the packaging and export will be done by the Society.

There are 8.54 lakh registered cooperatives with more than 29 crore members. Cooperatives need to think globally and act locally to leverage their comparative advantage in all economic areas. The focus will be on exporting the surplus available in the country in the cooperative sector.

The Society will be different from the Export Promotion Council under the Ministry of Commerce that only acts as a facilitator and provides information about the potential markets that can be tapped for a particular product. It will provide end-to-end services to the cooperatives. It will open foreign bank accounts and complete all the formalities, including necessary permissions for exporting a product. The dividends will be shared with the manufacturer instantly and without any brokerage fee.

The proposed Society will hire consultants in foreign countries who will help expand its footprint across continents. It will work as an export house for handicrafts, handlooms, khadi and other products, ensuring enhancement of income of the cooperative member entrepreneurs.

## Vijaya Mega Dairy to be Inaugurated by August 2023

Telangana Minister for Animal Husbandry Shri Talasani Srinivas Yadav said that the mega dairy plant for Vijaya Dairy would be ready by August 2023. The Minister reviewed the ongoing works of Vijaya Mega Dairy at Raviryal in Rangareddy district recently.

He was accompanied by Vijaya Dairy Chairman Shri Soma Bharat Kumar, Special Chief Secretary Shri Adhar Sinha and others. The plant is coming up at an estimated



## Parsons Nutritionals Pvt. Ltd., Bengaluru - A Mann Ventures Group Company was Conferred CII Award for Food Safety 2022

A Mann Ventures Group company - Parsons Nutritionals, Bengaluru was conferred upon CII Award for Food Safety 2022 under the category "Significant Achievement in Food Safety" at the 13th CII Award for Food Safety 2022 ceremony held recently in New Delhi. Parsons Nutritionals is a multi-product, multi-customer site working with biggest name in FMCG industry - Hindustan Unilever, Mondelez India, ITC Ltd., Danone Nutricia, Cargill Foods and Olam Foods India.

Mann Ventures is India's premier processed food developer and manufacturers, offering manufacturing and packing services to well-known multinational corporations. Mann Ventures has grown rapidly under the leadership of Shri S.S. Mann, Chairman, IDA (North Zone). It has 12 manufacturing units (in North, East and South India), the company cumulatively possesses extensive capacity. Facility for



product development manufacturing and packing a host of products like propriety food items, biscuits, chocolates, jelly, custard, baking powder, tea, ice creams, vegetable oil, OTC and many more. The group also has interest in Hospitality.



cost of Rs. 250 crore in 40 acres area with capacity to process 8 lakh litres per day.

Informing that Vijaya Dairy products are attracting public due to their quality, the Minister said that the government has been extending an incentive of Rs. 4 per litre to encourage farmers to supply milk to Vijaya Dairy. So far Rs. 100 crore incentive were given to the farmers and the 1962 service (Animal Mobile Medical Ambulance) was introduced to extend medical assistance to cattle.

## Purabi Sales Record Amounts of Milk and Dairy Products

Magh Bihu, the harvest festival of Assam was celebrated across the state. Huge sales were recorded in terms of all food items including milk and milk products. The local milk brand Purabi also mentioned that they made record-high sales on the occasion of Uruka this year. The brand mentioned that they made recorded a leap



in sales of their milk, curd, cream and paneer on the occasion of Magh Bihu.

The brand recorded an increase of 17 per cent in the sale of milk volume during this year's Bhogali Bihu season

## CII Awards for Dodla Dairy Limited

**Dodla Dairy Limited** - a Benefactor member of Indian Dairy Association (IDA) had applied and participated in the larger and medium dairy sector category in CII Awards for Food Safety 2022.

The assessment for the award was done by CII trained assessors from food industries and submitted the reports to Jury. The jury recommended "Dodla Dairy Limited", Hyderabad and Chendurthi plants for "Commendation Certificate for Significant Achievement in Food Safety".

During the 13th CII Awards for Food Safety 2022 ceremony, held in New Delhi at Hotel Lalit on January 19, 2023, the award was bestowed on Dodla Dairy Limited.

The award was received by Shri B.V.K. Reddy, CEO, Dodla Dairy Limited, who is also one of the Central Executive Committee members of IDA. The award ceremony was presided by Shri K.V. Rao I.A.S, (CEO of FSSAI).



as compared to the same time the last year. Mentioning this significant growth in milk sales and its subsequent effect on the economy of dairy farmers, it was mentioned that their sales exceeded 1 lakh litres per day on the two days before Uruka. Milk and dairy product sales figures crossed the 1 lakh litres per day mark for four continuous days during the Bihu season this year. Purabi products, with its high quality and availability, is loved by the consumers of Assam. Milk and milk products sales touched the all-time high of 1.4 lakh litres in a day on January 13.

Total curd sales increased by more than 35 per cent while paneer sales grew by 30 per cent and cream by 10 per cent this year compared to the figures last year. The sale of pouch curd was more than double the amount of last year reaching more than 112 per cent growth.

The remarkable increase in the sales figures is a positive development for the dairy farmers of the state. This continued love from our customers helps us provide an enhanced revenue opportunity to the dairy farmers across Assam. Purabi increased the procurement value recently to ensure that the dairy farmers of the state can get a part of the benefit of the high demands during Magh Bihu.

## Karimnagar Dairy Helped Lift Rural Economy and Improve Livelihoods

Collector Shri R.V. Karnan appreciated Karimnagar Dairy chairman Ch. Rajeshwar Rao for helping lift the rural economy and improve livelihoods by encouraging the farmers to take up dairy units as an alternate source of income.

While participating in the distribution of Spoorthi lifetime achievement awards sponsored by the Spoorthi voluntary organisation in Karimnagar town on January 10, 2023 Shri Karnan presented the awards to Ch. Rajeshwar Rao, Chairman, Karimnagar Dairy, Lions club leader Captain Burra Madhusudhan Reddy and others.



Speaking on the occasion, he said that the Karimnagar Dairy emerged as a role model in the Telangana state by emerging as the number dairy in terms of milk procurement and sales. He also thanked the Karimnagar Dairy for making Dalit bandhu a success by implementing the dairy units for the beneficiaries. He said that the dairy unit is the only industry which helps the farmers, and consumers and provides nutritional support to society.

Reacting on the same, Chairman Ch Rajeshwar Rao said that the Karimnagar dairy was developed with teamwork and cooperative spirit. Explaining the progress of the dairy from 1997 to the producer company, he said that the farmers supported all through his journey for the development of the dairy on all fronts. The farmers were encouraged to take up dairy units as an alternate and regular source of income. That's how the turnover of Karimnagar dairy increased from Rs 7 crore in the year 1997 to the present Rs 418 crore.

## Dairy Products Do Not Cause Irritable Bowel Syndrome (IBS)

Irritable Bowel Syndrome (IBS) is a condition where your gut wall is sensitive and affects most people without them knowing. When food is broken down and absorbed into the body for energy, the walls of the bowels are squeezed together. This contraction helps push the food through the system. But when intestinal walls behave erratically, rapid contractions result in diarrhoea and sluggish movements cause constipation. "This disease is rarely understood and there are a lot of misconceptions around it," says Dr Vibhor Pareek, Consultant, Gastroenterology, Max Hospital, Gurgaon.

### Myth: Lactose intolerance and dairy products cause IBS

**Reality:** Only one in four people may not feel good after consuming dairy products. Usually the symptoms are diarrhoea, bloating and cramping in the abdomen. So, dairy products do not cause IBS but might worsen your current situation.

### Myth: Stress causes IBS

**Reality:** Stress is just one lifestyle marker and cannot be blamed in isolation. The frenetic pace of work, lack of sleep, unhealthy eating and lack of exercise are all triggers for IBS.

### Myth: IBS can only be diagnosed with some fancy test

**Reality:** Not at all. IBS is detected through an elimination of symptoms. There is a Rome IV criteria for IBS patients. These criteria are recurrent abdominal pain for about three months, changes related to defecation, to changes

in frequency of stool, to a change in form (appearance) of stool.

If you match the above criteria, we correlate blood reports and ultrasound reports. Then we arrive at a diagnosis of IBS. Sometimes antibiotics play a major role in causing all of the above symptoms and needs to be clarified.

#### **Myth: IBS is curable**

**Reality:** There is no cure but you can improve symptoms through diet and lifestyle changes and manage your condition. Also peace of mind works wonders. From playing guitar, drawing, swimming, jogging, meeting friends, listening to music, any relaxation exercise that's not deadline-driven works.

#### **Myth: All types of exercise help IBS**

**Reality:** You can only do low to moderate type exercises. Go for yoga, walking and swimming. Avoid HIIT workouts.

## Consumption of High-Fat Dairy Products May Reduce Risk of CKD

In a *Journal of Renal Nutrition*, published recently, the researchers have found in a long term prospective cohort study that greater high-fat dairy, high-fat milk consumption may reduce risk of chronic kidney disease (CKD).

The association between consumption of dairy products and risk of CKD is under debate. The researchers aimed to determine the potential effects of total and subtypes of dairy intake on the occurrence of CKD.

This study was conducted within the Tehran Lipid and Glucose Study (TLGS) on 2416 CKD-free adults. At baseline, consumption of dairy products was estimated using a validated 168-items semi-quantitative food frequency questionnaire.

Adjusted hazard ratios (HRs) and 95% confidence intervals (CIs) of CKD were calculated in tertile categories of dairy products. Also, the CKD risk was estimated with multivariable Cox regression to substitute total dairy with other dietary protein sources.

#### **Results**

During 8.4 years of follow-up, the incidence rate of CKD was 21%. The participants' mean ( $\pm$ SD) age was 38 ( $\pm$ 13) years and 46% were men. Dietary intakes of total dairy, low-fat dairy, and fermented dairy were not associated with CKD risk. There were significant lower risks of CKD in the highest compared to the lowest tertiles of high-fat dairy and high-fat milk (HR = 0.76, 95% CI

= 0.60-0.95) and high-fat milk (HR = 0.75, 95% CI = 0.59-0.96). However, no significant associations were found between other categories of dairy products and CKD incidence. Substitutions of total dairy with other dietary protein sources were not associated with CKD risk.

In this study, higher intakes of high-fat dairy and high-fat milk were associated with lower risks of CKD. No significant associations were found between other dairy products and CKD. However more prospective and clinical trials are needed to clarify the issue.

## IDEA Organises 12th Convention along with National Seminar



Indian Dairy Engineers Association (IDEA) organises and National Seminar on Engineering Interventions in Dairy Processing for Self-Reliant India. It was jointly organized by the IDEA and College of Dairy Technology, Warud (Pusad) at the CDTW (Pusad) during December 15-16, 2022. The programme witnessed nearly 200 participants from Maharashtra, Haryana, Punjab, Rajasthan, Uttar Pradesh, Bihar, Delhi, Gujarat, Madhya Pradesh, Chhattisgarh, Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and West Bengal.

Dr. Col. A.M. Paturkar, Hon'ble Vice Chancellor of Maharashtra Animal & Fishery Sciences, Nagpur inaugurated the event. Dr. P.G. Wasnik, Convener welcomed all the delegates at the campus and outlined the programme schedule. Er. SC Aggarwal, President of IDEA briefed the delegates on the history, aims and past conventions of the IDEA. Dr. I.K. Sawhney, Vice President-IDEA described the IDEA's highest and the most coveted Life Time Achievement Awards, conferred on eminent Dairy Engineers and the best thesis awards - given to meritorious research workers in dairy engineering.

This year, IDEA Life Time Achievement Awards were conferred on Dr. J.B. Upadhyay, Ex-Principle of SMC



College of Dairy Science, Anand (Gujarat); Dr. A.K. Agrawal, Professor (Dairy Engineering), College of Dairy Technology, Raipur; Er. Sanjeev Sharma, General Manager, MILKFED (Punjab). Other than the release of souvenir on the occasion, a textbook Dairy Engineering authored by Dr. Ravikumar S and Dr. Manjunatha, College of Dairy Technology, SVVU, Tirupati (Andhra Pradesh) was released.

Dr. Col. A.M. Paturkar, in his address said that the participants appreciated IDEA for extending this opportunity to organize a convention at CDTW, Pusad. He stressed different aspects of dairy production and processing that need to be revisited and strengthened in order to make India self-reliant in dairy processing. He congratulated the Life Time Achievement awardees and the best theses winners and wished the event a grand success before concluding.

The theme of the seminar was covered through five technical sessions and a poster session. The Valedictory session was held on Dec. 16, 2022 with Dr. A.U. Bhikane (Director of Extn, Edu & Trng, MAFSU, Nagpur) as its Chief Guest and Dr. A.G. Bhadania (Professor Emeritus) as the Guest of Honour. Dr. R.K. Chugh, Vice President-IDEA offered the welcome address and expressed pleasure about deliberations made during oral and poster sessions. The program was concluded with a vote of thanks by Er. N.M. Khodwe (Co-organizing Secretary).

## Importance of Fodder in Dairy Value Chain

India has set an ambitious goal of increasing the domestic dairy market from Rs. 13 lakh crore to Rs. 30 lakh crore by 2027 and also tapping export markets in neighbouring countries of Bhutan, Nepal, Bangladesh and Sri Lanka. Rising prices and shortage of fodder pose hurdles which need to be overcome to achieve the goals.

The Central Government informed the Lok Sabha in December that wholesale price index (WPI) data released by the Commerce and Industry Ministry showed that the index value for fodder registered an increase of 27.66 per cent in November 2022, over the same month in 2021. Rising fodder prices led to a hike in milk prices and but the hike in milk price is quite less compared to fodder price which is affecting the profitability of dairy farmers.

Estimates of the ICAR- Indian Grassland and Fodder Research Institute (IGFRI), Jhansi show that there is a deficit of 11.24%, 23.4 % and 28.9% in green fodder, dry fodder and concentrates respectively at the national

level. Addressing shortages in fodder is vital for supply-side intervention for price stabilization but the states assessing current and projected demand due to expansion in the dairy sector is essential for demand-side management. The Department of Agriculture and Farmers Welfare designated National Dairy Development Board (NDDB) as implementing agency under the scheme of Formation and Promotion of 10,000 Farmer Producer organizations (FPOs) to form and promote 100 FPOs, primarily fodder-centric and animal husbandry activities as a secondary activity as Fodder plus model is an initiative to address fodder shortage.

The Fodder Plus FPOs will take fodder development activities such as green fodder/forage production and sale, production of 'ready-to-eat' total mixed ration feed to cattle, securing crop residues and its sale and other animal husbandry activities, to provide market access to small and marginal farmers. NDDB has initiated consultations for the identification of the Milk Unions/ Federations/ Milk Producer Organisations/Government Agencies etc., as Cluster Based Business Organizations (CBBOs) and till December last year 34 organizations had submitted Letters of Intent for the formation of 62 FPOs which indicates the response by stakeholders.

Farmers focusing on commercial crops, degradation of grazing lands, rising input cost, non-availability of quality fodder seeds, rising demand for fodder to cater to the growth of the dairy sector and policy gaps in fodder management are the primary reasons behind fodder shortage. National Action Plan on Fodder and Feed Security Programme estimates that fodder and feed contribute up to 50% towards livestock productivity and production. The plan highlights the fact small and marginal farmers in the country own only 44% of agricultural land but they own over 80% of livestock assets which explains the importance of the dairy sector's growth in achieving the national goal of doubling farmers' income.

The national plan has projected that the shortage of green fodder in 2025 according to the 34th Report of



the Parliamentary Standing Committee on Agriculture would be around 40%, that of dry fodder would be around 23% and concentrate shortage would be 38%. Assam government signing a Memorandum of Understanding with the NDDB for the creation of a joint venture for creating the milk processing capacity to the tune of 10 lakh litres of milk every day triggered new hopes in the state's dairy sector. Estimating fodder requirements and ensuring availability to small and marginal farmers at affordable prices will be critical for the long-term sustainability of such initiatives.

The Strategy Paper on Feed and Fodder Sector, Assam prepared by the Animal Husbandry and Veterinary Department points out the limitation of the traditional practice of feeding rice straw as fodder. Rice straws contain high fibre but minimum nutrition and therefore feeding it cannot keep animals productive for a long duration and quality production cannot be expected by feeding only straws. Building awareness among farmers in the state about the available fodder market due to the rising demand for milk and expansion of the dairy sector can motivate them to take fodder cultivation on a commercial scale.

Conservation of pastoral lands is also crucial. Providing such farmers with quality fodder seeds at an affordable price and market linkage and support for selling their products are essential to boost their confidence to keep engaged in fodder cultivation. Encouraging dairy farmers to take up fodder cultivation or fodder cultivators to rear cattle for milk production will go a long way in increasing their income through quality and increased milk production, provided milk produced is procured by milk unions or cooperatives in the village or the nearby village at a remunerative price.

The government supporting the milk unions or dairy cooperatives through the creation of the dairy milk value chain through setting up of chilling, processing, packaging units, transport, distribution and retail sale of milk and milk derivatives will be crucial for the sustainability of fodder cultivation in the state and elsewhere in the country.

## Mobile Vet. Units will Improve Dairy Farming in Kerala

Now, the veterinary hospital will be just a call away by dialling 1962. In a significant step for the benefit of the livestock farmers in Kerala State, 29 mobile veterinary units (MVUs) and a centralised call centre were launched.

Speaking after the inaugurating the function, Shri Parshottam Rupala, Hon'ble Union Minister for Fisheries,

Animal Husbandry and Dairying, said that this intervention would boost the confidence of dairy breeders to rear high-productive dairy animals as most breeders were reluctant to take their livestock to veterinary hospital for treatment and usually end calling quacks for doorstep delivery of services.

Each MVU shall be manned by a qualified veterinarian and a para-veterinary worker for providing specialised services to livestock farmers. Elaborating on the scheme, the Minister underlined that the scheme is promising and will transform the dairy sector from a subsistence-based farm livelihood to a commercially viable enterprise by giving gainful employment to the youth of the Kerala.

These MVUs will be operated through a centralised call centre with a uniform helpline no 1962. It will receive calls from livestock rearers or animal owners and the veterinarian will prioritise all cases on the basis of emergency nature and will transmit them to the nearest MVU for attending at farmer's doorstep.

Kerala is deploying 50 MVUs in different districts. These vehicles are equipped with state-of-the-art diagnostic tools, diagnosis treatment, vaccination, artificial insemination, minor surgical interventions, audio-visual aids and extension services to farmers and animal owners at their doorstep in far flung area.

MVUs will act as a one-stop centre for solutions to veterinary issues and dissemination of information to the remotest areas of the country. In the current financial year, the Department of Animal Husbandry and Dairying (DAHD), Union Ministry of Fisheries, Animal Husbandry and Dairying, has sanctioned 4,332 MVUs across the country.

## Event CALENDAR

### Dairy Industry Conference

March 16-18, 2023

Gandhinagar, Ahmedabad (Gujarat)

Indian Dairy Association has scheduled to organize 49<sup>th</sup> Dairy Industry Conference during March 16-18, 2023 at Gandhinagar, Ahmedabad (Gujarat). Invitation letter, Delegate, Souvenir and Sponsorship forms are published on page 12-15 of this issue. Members and readers are requested to register themselves for the Conference. For online booking, visit [www.idadairyconference.com](http://www.idadairyconference.com)



## International Dairy Milk Supply Overview

### Western Europe

European dairy contacts state that milk is abundant. The prices for manufactured dairy products that had been propped up by tight milk supplies and reasonable demand through much of the 2022 summer are falling. Because of market uncertainties and economic challenges, demand for dairy products has weakened and their availability has increased.

Through the course of the summer, tight milk supplies prompted milk cooperatives to increase pay prices to farmers. However, spot milk prices are starting to fall, leading some industry analysts to predict that farmer milk pay prices may not be far behind. Some market participants think how soon and how much pay prices drop will depend on the scope of the 2023 spring milk flush, whether summer drought conditions develop once again in Europe, and the extent of possible demand improvement from China.

### Eastern Europe

Provisional year to date milk production numbers across parts of Eastern Europe suggest production has grown there through the course of 2022 despite decreasing milk production in parts of Western Europe. Poland, the Czech Republic, Slovakia, and Lithuania within the EU registered positive year to date milk production growth through November 2022 compared to the previous year. The Ukraine agriculture ministry estimates that 51 million tons of grain will be harvested, down from a record 86 million ton harvest in 2021.

### New Zealand

In New Zealand, improved pasture conditions have provided a bit of confidence for some farmers with regards to the January milk production report. Industry representatives expect a positive milk production forecast, following several months of less than desirable milk output. For the 2023-2024 season the milk price rests at \$9/kg. Meanwhile, with the support of dairy products, New Zealand export values rose 18 percent. Export values of milk powder increased 2.3 percent, while butter rose 67 percent, as cheese increased 64 percent.

### Australia

Reports show that the lack of milk supplies out of Australia prompted a decline in the country's November 2022 dairy export activities. Meanwhile, drier conditions have supported winter crop harvesting in the west, while

showers benefited summer crops in the east. In the western half of the country, known to be the biggest producer of wheat supplies, seasonal grain harvest is pushing for a record yield for the 2022-2023 period. Farmer are optimistic that the events in general could add competitive pricing when it comes to New Zealand domestic spot contracts.

### South America

The drought that has plagued the Southern Cone, in some areas for as long as three years, continues to stress soil conditions and feed crop production in the area. Current milk output levels are far from ample and near term expectations are not bullish in regards to milk output throughout much of the continent, and specifically the dairy-centric portions. Dairy demand from parts of northern Arica, the Middle East, but namely within the continent, have helped offset some of the dairy export slowdowns into both China and Russia.

## Global Dairy Markets and Trade

In 2022, record exports on a value basis were being set across all dairy commodities, driven by strong international dairy product prices. Through October, dairy export values were up 25 percent, with robust growth across the major product groups including skim milk powder (NDM/SMP), whey, lactose, cheese, and butter; however, from a volume perspective, average export growth across commodities is a more modest 5 percent. Nowhere is this dichotomy more prevalent than with NDM, where export quantities have fallen 8 percent over this period while export values have increased 27 percent. For the current year, NDM exports are forecast to fall about 8 percent to 819,000 tons due to slowing shipments to China where consumption of SMP has shifted to whole milk powder (WMP) in response to higher prices and higher domestic WMP production. NDM/SMP exports are expected to rebound in 2023 to 836,000 tons as higher milk production drives production higher for a number of dairy products.

Till October 2022, whey and cheese exports saw similar activity with volume growth of 7 percent and 13 percent, respectively, while values grew 38 percent and 26 percent, respectively. Butter was the one major dairy product where export volume growth has outpaced export value growth, reflecting significantly lower unit values to Mexico and Canada.

## DAIRY PRODUCTION AND TRADE DEVELOPMENTS

### SMP

Australia exports of SMP are projected to decline 10 percent to 130,000 tons in 2023. The lower forecast



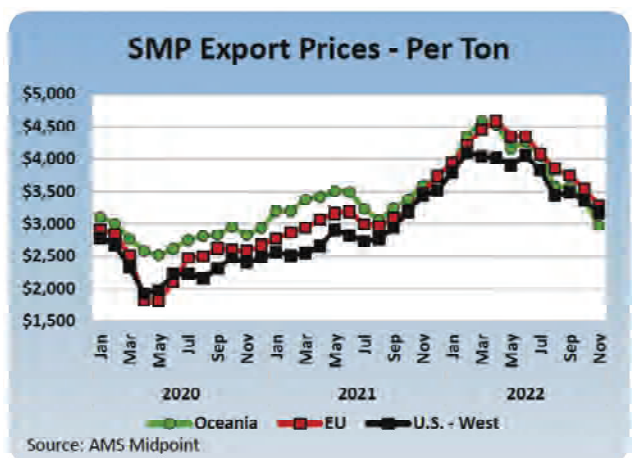
**SMP Exports Summary for Major Exporters (1,000 Tons)**

	2021	2022 Forecast	2023 Forecast	2022-2023 Change
Australia	156	145	130	-10%
Belarus	120	123	123	0%
European Union	788	700	625	-11%
New Zealand	326	355	335	-6%
United States	893	825	836	1%
<b>Major Exporter Total</b>	<b>2,283</b>	<b>2,148</b>	<b>2,049</b>	<b>-5%</b>

Note: Data is rounded. Source: USDA

comes as stocks have been drawn down over the last 2 years when processors took advantage of attractive world market prices and milk supplies were limited. Declining SMP production due to lower milk production and increased industry focus on cheese production, is expected to limit exportable supplies. Over the last 5 years, the composition of Australia's export markets has undergone a shift, with exports to China now accounting for almost half of Australia's SMP exports.

For the year 2023, SMP production in the European Union is forecast to decline 5 percent. SMP production is closely tied to butter production and butter production is forecast to decline. Exports are also expected to fall 11 percent due to limited production and lower demand from China and Indonesia (which has shifted to buying from New Zealand), as well as new import controls in Algeria. China and Algeria are the EU's largest export markets for SMP, accounting for 27 percent of exports this year through September.



US SMP production is forecast to grow modestly by 1 percent in 2023, reflecting higher available milk supplies, partially recovering after an 8 percent decline in 2022. Exports in 2022 were also down in 2022 reflecting both tighter supplies and increased competition. The price gap between US and EU SMP has narrowed significantly in the second half of 2022, and a strong dollar relative to the euro has created

an environment that is difficult for US exporters. For November, EU prices for SMP were quoted at \$1.47 per pound FOB while the US price for Western low-medium head NDM FOB ex-plant was \$1.46 per pound.<sup>1</sup> Exports are slated to recover modestly in 2023, up 2 percent to 836,000 tons, reflecting growth in exports to Mexico, the Philippines, and Indonesia.

SMP consumption in China is forecast to decline in 2023 as domestic processors are expected to shift away from SMP in favour of WMP for snack food processing. In 2023, SMP imports are expected to decline to 320,000 tons, a year-on-year decline of 3 percent, on higher SMP global prices and increased use of WMP. Domestic production of SMP is unlikely to affect imports as domestically produced SMP is limited. New Zealand, Australia and the United States continue to dominate China's SMP imports, accounting for nearly 70 percent of SMP imports in the first half of 2022.

**WMP**

New Zealand 2023 WMP production will rebound, reaching 1.5 million tons, up 3 percent from 2022, but still below 2021. Despite lower total milk production, demand from key importers is expected to rebound, supporting a shift of some milk back into WMP production. With this stronger than expected demand, exports are forecast to rise slightly but remain below the 2021 record of 1.6 million tons.

WMP production in China is forecast to increase 7 percent in 2023 due to higher milk supplies. Bakeries suffered significant losses in 2022 due to prolonged COVID-19 restrictions and a slowing economy. In 2023, although demand by the baking industry may remain limited, in the food processing sector, overall demand for WMP is expected to grow as domestic production volume increases and domestic prices are favourable while global NDM prices stay relatively strong. As a result, in 2023, WMP consumption is expected to increase to 1.795 million tons. WMP imports are forecast to remain unchanged at 700,000 tons, as domestic WMP production and stocks should satisfy consumption growth in 2023. New Zealand is expected to remain the dominant supplier, followed by Uruguay and Australia.

**WMP Exports Summary for Major Exporters (1,000 Tons)**

	2021	2022 Forecast	2023 Forecast	2022-2023 Change
Argentina	145	165	180	9%
Australia	51	55	45	-18%
European Union	298	250	240	-4%
New Zealand	1,617	1,450	1,500	3%
<b>Major Exporter Total</b>	<b>2,111</b>	<b>1,920</b>	<b>1,965</b>	<b>2%</b>

Note: Data is rounded. Source: USDA

**Cheese**

European Union cheese production in 2022 is expected to remain stable, despite lower milk production, due in part to industry preference for cheese production over

are Australia, Canada, Panama, and Guatemala that combined account for 15 percent of US cheese shipments.

**Cheese Exports Summary for Major Exporters (1,000 Tons)**

	2021	2022 Forecast	2023 Forecast	2022-2023 Change
Australia	157	155	165	6%
Belarus	298	310	320	3%
European Union	1,385	1,370	1,375	0%
New Zealand	358	335	335	0%
United States	402	451	469	4%
Major Exporter Total	2,600	2,621	2,664	2%

Note: Data is rounded. Source: USDA

other dairy commodities. In addition, new cheese processing plants have opened in the Netherlands, Belgium, Germany, and France, and are mostly producing industrial mozzarella for the food processing industry. EU cheese production is forecast up slightly in 2023 by one-half percent to reach 10.6 million tons, as domestic cheese demand picks up again after the relaxing of COVID-19 related restrictions.

EU cheese exports are forecast to decline by 1 percent in 2022 as high prices and weaker demand in China and Ukraine hamper global demand for commodity cheeses. However, Japan, South Korea, and Saudi Arabia continue to be important markets for the EU. Exports are expected to remain relatively unchanged in 2023, forecast up less than 1 percent, with continued recovery in demand from the United Kingdom offsetting weakened demand from China.

New Zealand cheese production for 2023 is forecast down 4 percent due to lower milk supply. Strong international prices have pushed a larger percentage of production toward exports, but with an increase in whole milk powder and lower milk availability, growth in exports for 2023 is limited. The forecast for 2023 cheese exports is expected to remain the same as 2022 at 335,000 tons. Demand continues to be strong in Asia for mozzarella products. The demand for soft cheeses, such as cream cheese, also continues to grow in Asia but there are constraints as manufacturing plants are already nearing full capacity.

US cheese exports in 2023 are forecast 4 percent higher to 469,000 tons on stronger demand from key markets in Japan and Canada. Shipments of cheese have been strong in 2022 and the export forecast has been revised up 3 percent to 451,000 tons. Through October, shipments to Mexico, Japan, and South Korea have grown double digits year over year and account for more than half of US shipments. Other major destinations

**Dairy Prices Edge Up, Volumes Ease at Auction - GDT Events**

International milk prices edged up but volumes fell in this month's second Global Dairy Trade (GDT) auction on January 17, 2023.

The GDT Price Index was down 0.1%, with an average selling price of \$3,393 per tonne. The index lost 2.8% at the previous auction held on Jan. 3, the average selling prices being \$3,365 per tonne, according to GDT Events.

A total of 31,872 tonnes of dairy products were sold at the latest auction, down about 4.8% from the previous sale, the auction platform said on its website. The auction results could affect the New Zealand dollar as the dairy sector generates more than 7% of the nation's gross domestic product.

**Key Results**

AMF index down 0.9%, average price US\$5,337/MT  
 Butter index down 0.6%, average price US\$4,449/MT  
 Ched index up 4.0%, average price US\$4,871/MT  
 SMP index down 0.3%, average price US\$2,842/MT  
 WMP index up 0.1%, average price US\$3,218/MT

Source : [www.globaldairytrade.info](http://www.globaldairytrade.info)

**Danone Plans to Reduce Methane 30% by 2030**

Danone has announced a plan to reduce methane emissions from its fresh milk supply chain by 30% by 2030. According to the company, it aims to achieve this goal by working with farmers to implement regenerative agriculture practices in its dairy supply chain.

The company also is partnering with the Environmental Defence Fund (EDF) to "scale innovation, reporting and advance financing models." Danone said it is working with governments to enact policies that promote the reduction of methane in the agricultural system.

The company's goal to reduce methane by 30% by 2030 falls in line with the Global Methane Pledge, which was signed by 150 countries at the United Nations COP26 climate conference in November 2021. Danone said it already has reduced the greenhouse gas emissions in its fresh milk supply chain by 14% between

2018 and 2020, which contributes to its goal of achieving net zero emissions by 2050.

## Saudi Dairy Companies Hike Prices Up To 33%

Most dairy companies in Saudi Arabia have raised prices of their products, reaching up to 33 percent, effective from Sunday, Jan. 1, 2023. In a statement on its official Twitter account, Saudi dairy giant Almarai Company attributed the hike to three main reasons. They are increased shipping costs, higher cost of production ingredients, and increased fodder prices.

The company said that these factors resulted in huge increase in the production cost during the recent past, which was reflected in the adjustment of the prices of a few dairy products to cover part of the higher costs.

The rate of increase in prices for the end user amounted to about 33 percent on some products, as the prices of products that were previously sold at SR1.5 rose to SR2, and the increases included almost all dairy products known to consumers. The hike in prices of dairy products comes at a time when profits of some companies exceeded SR1 billion during the first nine months of 2022.

Meanwhile, consumers demanded the intervention of the Ministry of Commerce as it happened 11 years ago following the raising of prices by a dairy company at the time. The demand had prompted the ministry to compel the company to return the selling prices of some of its products to what they were in the past.

This was done in light of stability of prices of a number of dairy products, similar to the commodities available in the local market, and this came after the company raised earlier the prices of some of its products in the local market.

The ministry confirmed at the time that this was in implementation of the Law of the Commerce Ministry's Jurisdictions and its emphasis on the importance of monitoring markets and sales centres in all regions of the Kingdom, to rein in any manipulation and hike in prices.

## Chinese Localities Supporting Dairy Farmers amid Tough Market Conditions

Chinese animal husbandry associations and dairy industry associations have stepped up efforts to support dairy farmers and resolve the difficulties facing the

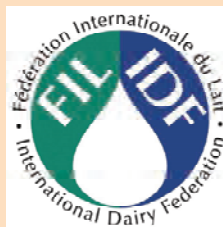
industry, according to the Dairy Association of China (DAC).

In the latest move, officials from husbandry associations and dairy industry associations in East China's Shandong Province and North China's Shanxi Province have had meetings with companies in the industry. The officials urged dairy enterprises to collect dairy products from farmers at full capacity and for breeding farms to do a good job of breeding management, to effectively reduce costs and improve quality and efficiency.

The Chinese dairy industry is facing oversupply pressure due to a decline in consumption and prices which has led to overstocking of milk products, according to the DAC.

Chinese dairy farmers are facing large losses due to a sharp decline in market demand because of excess supply. Some farmers reportedly "dumping milk" or even "slaughtering cows" to cope with the difficulties. However, cases of farmers dumping milk or slaughtering cows are very rare at the moment, some dairy farmers and industry analysts said. Meanwhile, local officials have taken measures, including offering subsidies, to support dairy farmers.

## IDF World Dairy Summit 2023



2023 IDF World Dairy Summit to be held in Chicago, Illinois, USA, 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.

It will be an immersive program that will feature global and industry leaders, dairy experts, scientists, technical specialists, farmers and more, bringing the participant the latest on the most significant issues facing the global dairy sector today and tomorrow. The theme of the Summit is "Boundless Potential; Endless Possibilities".

**For sponsor and exhibit information, contact [usidfsec@usidf.org](mailto:usidfsec@usidf.org).**

**Visit: <https://idfwds2023.com>**