

Rajasthan State Chapter Office Inaugurated

On June 2, 2024, office of Rajasthan State Chapter (RSC) of IDA was inaugurated by Shri S.S. Mann, CMD, Mann Ventures and former Chairman, IDA (NZ); Shri A.K. Khosla, Vice President-IDA; and Dr. Rahul Saxena, Chairman, IDA (NZ). Program started with ribbon cutting followed by lamp lighting by auspicious guests and a brief meeting.

While delivering the Welcome address Dr. Karun Chandalia, Chairman, IDA-RSC, expressed gratitude to Shri S.S. Mann, Shri Khosla Ji and Dr. Rahul Saxena for sparing their valuable time for this program. He gave a brief description of activities of the last one year of Rajasthan State Chapter and explained how the office will be used for the benefit of dairy professionals and overall growth of dairy industry in future.

Shri A.K. Khosla in his address congratulated Rajasthan State Chapter for new office and said that apprised them the increased responsibility to use this resource for the benefit of dairy professionals. He also assured full support to the state unit for any project to inculcate professionalism in dairy industry.

Dr. Rahul Saxena addressed the meeting and guided the new executive committee for better performance. He also briefed about efforts and difficulties faced for getting state office approval. He also said that it is a great achievement of Rajasthan State Chapter of IDA to have its own office at Jaipur. It could be made possible by blessings and support of Central Executive Committee of IDA and North Zone especially chairmen of both the committees. In this regard, he also thanked Shri Mann



and Shri Khosla Ji for their support. He also committed to work hard to come true to the expectations.

Other dignitaries present during the inauguration were IDA-RSC, Treasurer Shri Govind Gupta; Shri Himmat Singh; Shri R.K. Singh; Shri K.S. Shekhawat; Shri Rohit Verma; Shri Mahesh Gurnani and many more.

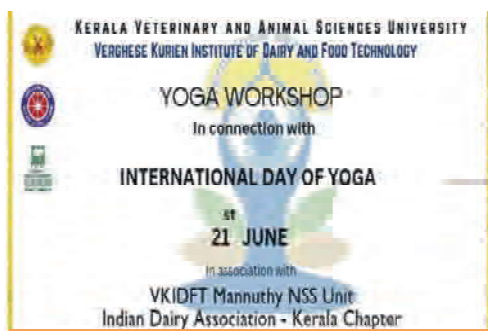
Vote of thanks was given by Shri Pretesh Joshi, Secretary, IDA-RSC.



IDA Kerala State Chapter Collaborates with VKIDFT, KVASU to Organize International Yoga Day Workshop

A Yoga workshop took place in the college auditorium to celebrate International Yoga Day, organized by the NSS Unit of Verghese Kurien Institute of Dairy and Food Technology (VKIDFT) in collaboration with the IDA Kerala State Chapter (KSC) on June 21, 2024. About 100 NSS volunteers actively participated in the event. Both academic and non-academic staff of the college joined in as well. The workshop commenced with basic yoga practices and then progressed to various yoga asanas. Smt. Kala Pathmakumar, the Yoga Instructor, demonstrated the asanas and led the sessions, highlighting the significance of yoga.

Dr. S.N. Rajakumar, Dean VKIDFT inaugurated the program and highlighted the significance of yoga in the current scenario. Dr. Divya M.P and Dr. Indu K, Assistant Professors of VKIDFT, commended the workshop and stressed that yoga can bring stability to one's life, encouraging regular practice. This workshop was conducted under the supervision of NSS Program Officers Dr. Jose Mathew and Dr. Divya M.P.



World Milk Day New

Rajasthan State Chapter of IDA Organized World Milk Day

On the occasion of World Milk Day celebration, IDA Rajasthan State Chapter (RSC) organised a Quality Awareness Workshop in Khandel village of Rajsamand district in collaboration with Rajsamand District Milk Producers Union. More than 200 milk producers, Field staff and elected chairpersons of societies participated in the workshop.

The program was presided over by the Chairman, Rajsamand Milk Union Shri Laxmi Narayan Gujar. Shri Hanuman Singh Rathore, CEO of Rajsamand Zila Parishad was the Chief Guest. Guests of honour were Director Shri Jagdish Sharma; Director Shri Babu Lal; Managing Director, Bhilwara Milk Union Shri B.K. Pathak; Managing Director, Udaipur Milk Union Shri Vipin Sharma.

All participants were sensitized about good hygienic practices, Good Manufacturing Practices in Milk production and operation of dairy co-operative societies. Also relevant information on health aspects of milch animals; improving productivity by using balance nutritional diet for milch animals; and improving breed of milch animals by cross breeding, embryo transfer and using sex sorted semen to avoid unproductive male progenies were shared in workshop.

Dr. Karun Chandalia, Chairman, IDA-RSC emphasized use of quality management techniques in milk production to reduce bacterial load and improve productivity of milch animals by concepts of clean milk production.

...continue on next page



Speaking as Chief Guest, Shri Hanuman Singh Rathore told about Government schemes beneficial for dairying and milk production. He assured full support of district administration for this noble cause.

Treasurer of IDA-RSC Shri Govind Gupta explained role of IDA in educating and imparting training to milk producers.

Shri Laxmi Narayan Gujar expressed gratitude to IDA-RSC for organizing such event for the benefit of farmers. He also explained all welfare schemes of Rajsamand milk union being implemented in Rajsamand district and asked all farmers must take advantage of the schemes.



Shri K.S. Shekhawat from KPMG addressed the gathering and told the milk producers to use business model in milk production and ensure profit making in milk production.

Programme was convened by Dr. D.K. Gouri during which he gave very useful tips for improving health of the animals and how to make milk production economic and profitable.

Rajasthan State Chapter of IDA Organized World Milk Day

Jharkhand Local Chapter (JLC) of Indian Dairy Association (East Zone) in association with The Jharkhand State Cooperative Milk Producers' Federation Ltd, Ranchi organised a celebration event on the occasion of World Milk Day on June 1, 2024 in

the premise of Medha Dairy Plant, Hotwar, Ranchi. The programme was chaired by Chairman, IDA-JLC cum General Manager, JMF Shri Pavan Kumar

...continue on Page 52



...continue from Page 48

Marwaha and Vice Chairman IDA-JLC cum Deputy Managing Director, JMF Shri Jaidev Biswas.

The theme of World Milk Day was "Urge to put plant-based products in a separate category in the interest of dairy farmers".

During his speech, Shri Pavan Kumar Marwaha highlighted the importance of dairy in respect of good health, nutrition and employment point of view. He called upon the farmers of Jharkhand to join the milk related business, especially Medha Dairy with an urge to the statutory bodies that the plant-based products should be kept in a separate category so as to protect the Indian dairy farmers, especially marginal dairy farmers who earn their livelihood from dairying. Currently, organised dairy sector is giving direct and indirect employment to lakhs of people that include farmers, employees, transporters, raw material suppliers, packing material manufacturers/suppliers, distributors, retailers, etc.

On other hand, Shri Jaidev Biswas emphasized the importance of cooperatives in the White Revolution & also congratulated JMF employees and assured them that JMF is moving in the right direction of development. He also stated the objective behind celebrating World Milk Day. On this occasion, Shri Pramod Kumar, Head of Quality & Assurance, JMF explained how milk is our basic nutritional needs and there is no other substitute of it.

On this auspicious occasion, the bust statue of Father of White Revolution - Late Dr. Verghese Kurien was garlanded & remembered. A quiz competition and other activities were also organized among employees and winners were rewarded suitably.

NATIONAL News

IDF's First Regional Dairy Conference Asia Pacific 2024, Organized in Kochi

The First Regional Dairy Conference Asia Pacific 2024 of International Dairy Federation with the theme 'Farmer Centric Innovations in Dairying', hosted by Indian National Committee (INC) of IDF during June 26-28, 2024, got concluded in Kochi, Kerala.

The concluding session was graced by Hon'ble Minister of Animal Husbandry, Govt. of Kerala, Smt J. Chinchurani ji; Smt. Alka Upadhyaya, President, INC-

IDF & Secretary, Department of Animal Husbandry and Dairying (DAHD), Ministry of Fisheries, Animal Husbandry and Dairying (FAHD), Gol; Smt. Varsha Joshi, Additional Secretary, DAHD; Dr. Meenesh Shah, Board Member, IDF & Member Secretary, INC-IDF & Chairman, NDDB; Mr. Piercristiano Brazale, President, IDF; and Ms Laurence Rycken, Director General, IDF.

Smt. Chinchurani ji expressed gratitude to all the participants from Asia Pacific region & experts from across the World for their participation in conference which truly proved to be a great platform for deliberation & cross learning including suggestions for policy reforms. The platform also provided a regional perspective of dairying, climate change, innovation, farmer centric innovation for productivity enhancement, One Health aspects etc. She also thanked IDF, DAHD & NDDB for selecting Kochi as the venue and for meticulous arrangements made for the conference.

The key recommendations of the Conference in the form of resolutions to take them forward were shared by Smt. Alka Upadhyaya, Secretary, DAHD which included-Supporting investment in research; Implementing One Health approach for a safe, efficient, climate smart, inclusive, resilient livestock production sector; Replication of successful Indian smallholder cooperative model of dairying promoting fairness and to the similar countries of Asia-Pacific; Promotion of indigenous manufacturing of equipment; Propagating circular economy to reduce GHG emissions improving for sustainability across the value chain; Training & capacity building; Generic campaign on beneficial values of milk & milk products to address the challenge of Plant based foods/ imitating milk products & also localised solutions to achieve common objectives and address the diverse needs & challenges across States within India & countries within the World.

Dr. Meenesh Shah summarised the deliberations during various sessions of the conference highlighted the key takeaways and thanked speakers & experts for insightful contributions and also helped limited timeframe. Dr. Shah also mentioned that this first Regional Dairy Conference has proven to be another successful event after the World Dairy Summit which was organised in 2022. The conference had well-crafted 11 sessions as well as side events and a very well organised exhibition to showcase the products, processes and equipment. Dr. Shah also specially thanked Govt. Kerala, MILMA & DAHD for their continuous support in organising the event. Dr. Shah also thanked the speakers, delegates, and participants for their engaging contributions.

President, IDF, Mr. Brazale mentioned that he has been overwhelmed by advancements & innovations of India's fast-growing dairy sector & told it to be an example to the world which is also a perfect model of public &

private articulation. He also thanked the organisers for their magnificent work to make this Conference a grand success.

Director General, IDF, Ms. Rycken delivered Vote of Thanks. On behalf of IDF, she not only thanked INC-IDF for immaculate organisation of the conference but also to Gol & Govt. of Kerala for their support & guidance. She also invited delegates to IDF WDS 2024 which is being held in Paris, France.

The conference had address from the Hon'ble Minister of FAHD Shri Rajiv Ranjan Singh alias Lalan Singh Ji and also the visit and participation of Hon'ble Union Minister of State for Fisheries, Animal Husbandry & Dairying, Prof. S.P. Singh Baghel Ji apart from gracious presence and addresses of Hon'ble Minister of Animal Husbandry, Govt. of Kerala, Smt. J Chinchurani Ji and Hon'ble Minister of Animal Husbandry, Govt. of Arunachal Shri Gabriel Denwang Wangsu.

Central Executive Committee members of Indian Dairy Association led by its President, Dr. R.S. Sodhi also participated in the Conference. In his session, "Farmer-Centric Interventions in Milk Aggregation and Ensuring Transparency," Dr. Sodhi highlighted India's Small Holders Milk Collection System, showcasing it as the key to our world leadership in dairy.



Dignitaries addressing the Conference:

🕒 Clock-wise (in above photo): Chairman, NDDB; President-IDF; Hon'ble Minister of Animal Husbandry, Govt. of Kerala; Director General-IDF; and Secretary, DAHD, Gol

🕒 President-IDA

Academics, dairy professionals and dignitaries from 25 countries, including India, as well as farmers shared their experiences and insights on the latest advancements and scientific innovations in dairy products, processes, and practices, aiming to elevate the dairy sector to new heights.



IDA CEC Members and Chairman, Telangana Chapter-IDA with President and Director General - IDF at IDF's Conference in Kochi

Tax Rate on Ghee Must Be Low: Dr. R.S. Sodhi



The issue of tax levied on Ghee is of concern to the dairy sector. Currently, the tax levied on ghee is 12 per cent, while tax on imported edible oil is 5 per cent.

Explaining the urgency to reduce the GST on ghee, Dr. R.S. Sodhi, President, Indian Dairy Association through his interaction with the Journal "Agriculture World" said that it is difficult to understand that ghee is being taxed 2.5 times more than imported edible vegetable oil. It has been proven globally that dairy fat is better than refined vegetable fat. By levying higher taxes, we are taxing healthy produce more. We are taxing farmers to produce more. This is impacting farmer income. The situation now is that for one litre or kg of fat, which costs approx. Rs. 600, the government is levying Rs. 72 as tax.

To make one kg of ghee, it takes 15-20 litre of milk. With such a high tax, the farmer is being taxed Rs. 4-5 per litre for the milk he is producing. It is very high. Policymakers think that ghee is a luxury. The fact is that ghee is consumed and should be consumed by all classes. Ghee is made from the milk produced by poor farmers. And it is a healthy fat. It is unfortunate that high taxes is being imposed on poor farmers and also on healthy fat.

We have represented from the GST Council to the Ministry of Animal Husbandry and Dairying in this regard. All state governments and state finance ministers must support this cause. We are requesting state cooperatives to take up this issue with respective states.

On dairy infrastructure, Dr. Sodhi requested the policymakers to provide more milk collection centres, processing centres, better veterinary services, affordable semen, and better productivity infrastructure for the dairy sector.

Speaking on the productivity, Dr. Sodhi said that Crossbred cow average productivity is 8.5 litre per animal; Desi cow - 3.4 litres; Buffalo: 6 litres.

Our productivity is growing @ 2.1 per cent per annum, but consumption is growing @ 5-5.5 per cent per annum. Hence, it is clear, we need to increase the productivity per animal as we already have 300 million cattle and buffalo. We cannot afford more.

Raising concern about feed conversion ratio, Dr. Sodhi said that this is possible with better breeding and feeding practices. In India, there are 23 per cent NECO (Never Even Conceived Once) animals. There are practices to treat infertility among cattle. 10-15 per cent of the NECO animals can be brought in the fertile range. This way,

we can produce more milk.

Speaking on the shortfall of feed, he said that there is a 36 per cent shortfall of green fodder, an 11 per cent shortfall of dry fodder and a 44 per cent shortfall of concentrate. Our model is low input and low output. Because of the low productivity, a significant portion of our feed is only for maintaining the body. Rs. 90-100 is the feed cost to maintain the animal's body. Whatever feed is given is converted to milk. So with better feed, we can increase per animal milk yield.

Hatsun Agro Net Profit Surges 63% in Q1



Hatsun Agro shares went up over 5% on July 16, 2024, after the company reported a 62.9% increase in net profit at Rs. 130.5 crore for the first quarter that ended June 30, 2024.

In the corresponding quarter, Hatsun Agro Products posted a net profit of Rs. 80.1 crore, the company said in a regulatory filing. The company's revenue from operations increased 10.4% to Rs. 2,375 crore against Rs. 2,150.6 crore in the corresponding period of the preceding fiscal.

At the operating level, EBITDA jumped 39% to ₹330.3 crore in the first quarter of this fiscal over Rs. 237.7 crore in the corresponding period in the previous fiscal.

The EBITDA margin stood at 13.9% in the reporting quarter versus 11.1% in the corresponding period in the previous fiscal. The board has declared an interim dividend of Rs. 6 per equity share (600%) on the fully paid-up equity shares of the face value of Rs. 1 per share. This is the first interim dividend declared by the board for the financial year 2024-25.

Milky Mist Likely to Raise Fund through IPO

Milky Mist is planning to raise funds via initial public offering (IPO), as reported by MoneyControl. The paneer-to-ice cream maker is looking to expand its dairy product portfolio.



A number of marquee Indian investment and merchant bankers have been pitching to the company to seek the mandate to take the company public. The move is buzzing after Milky Mist's talks with WestBridge to raise funds failed to yield any fruits for the company.

WestBridge valued the Tamil Nadu-based company around Rs. 6,000 crore in a round last year. However, the IPO could happen at a Rs. 20,000 crore ballpark valuation, as it looks to rapidly expand its newer offerings such as chocolates and ice creams and enter new markets.

Milky Mist clocked a revenue of Rs. 1,437 crore in financial year 2023, reporting a 42 per cent jump from Rs. 1,015 crore in FY22. Milky Mist also reported a profit of Rs. 28 crore in FY23, which dropped 13 per cent on a yearly basis. It reported a topline of around Rs. 1,950 crore and generated a profit of Rs. 50 crore in the year ended on March 31, 2024.

Erode-based Milky Mist was started as a milk trading company in 1985 and the company hogged limelight when it started producing paneer (cottage cheese) in 1994. The company, over the years, expanded to value-added products such as curd, butter, cheese, yogurt and ice cream, tapping into a wide dairy consumer base across the nation.

Surplus SMP is Dairy Industry's New Problem: Harish Damodaran



Shri Harish Damodaran

According to a recent publication of an article by Shri Harish Damodaran, renowned journalist in *Indian Express*, as stocks pile up ahead of the "flush" season and Maharashtra elections, dairies are seeking solutions from subsidy on exports to a government-financed buffer. With many states

enacting stringent anti-slaughter laws, Indian dairy farmers have been facing challenges in disposing of unproductive cattle - the ones that do not give enough milk or happen to be male.

Now, dairies have been hit by a new "surplus" problem - of skimmed milk powder (SMP). Cooperative and private dairies are holding an estimated 3-3.25 lakh tonnes (litre) of SMP stocks at the start of the production year that runs from July to June.

Focusing on this serious problem, Shri Harish Damodaran in his write-up tries to find out reasons of surplus in SMP stocks, and its possible solution.

According to him, during the "flush" season, when cattle and buffaloes produce more, dairies convert the surplus milk they receive into butter, ghee and SMP - the first two from cream/fat, and the last from SNF. These solids are recombined along with water into liquid milk during the "lean" season, when production by animals falls and may not suffice to meet demand.

The flush season in the South and Maharashtra (states with predominantly cow populations) generally extends from July, post the southwest monsoon rains, till December. In the North and Gujarat, it extends from September to March (coinciding with the calvings of buffaloes, which outnumber cows in this belt).

From every 100 litres (or 103 kg) of cow milk, a dairy can make about 8.75 kg of SMP (at 8.5% SNF), and 3.6 kg of ghee (at 3.5% fat).

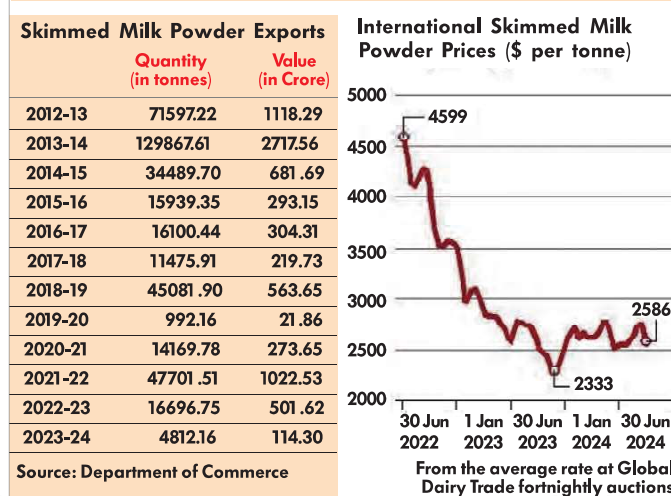
The problem arises when dairies procure excess milk - beyond the normal surplus during flush - and the SMP and butter/ghee produced do not have many takers.

Dairies in India produce 5.5-6 lakh tonne litre of SMP annually. A big chunk of that, roughly 4 lakh tonne litre, is used for recombining during the lean season. The balance 1.5-2 lakh tonne litre gets consumed by makers of ice cream, biscuits, chocolate, sweetmeats, baby formula, and other food and industrial products.

2023-24 was a year of abundant and continuous milk supplies with hardly any lean period. It was in marked contrast to 2022-23 that saw unprecedented shortages. Dairies in Maharashtra realised record prices of Rs. 430-435 per kg for yellow (cow) butter, and Rs. 315-320 for SMP during February-March 2023. They also paid farmers Rs. 37-38 a litre for cow milk with 3.5% fat and 8.5% SNF, encouraging them to ramp up production, through better feeding and induction of new animals.

The resultant augmented milk availability, including in the peak lean summer months of April-June, meant that hardly 2.5 lakh tonne litre of SMP was consumed for reconstitution purposes. Instead of the normal July-opening stocks of 1.5-1.75 lakh tonne litre, dairies are now saddled with 3-3.25 lakh tonne litre of SMP. With the new flush season taking off - and expected to peak after September, when more milk would flow from the udders of buffaloes too - the problem of surplus may worsen.

DECLINING SMP EXPORTS, INTERNATIONAL PRICES



Cow SMP realisations for dairies have crashed to Rs. 200-210 per kg, and to Rs. 335-340 for yellow butter. The latter corresponds to a ghee price of Rs. 408-415 per kg (ghee has close to 100% fat, as against 82% for butter).

The surplus problem is, however, less in milk fat, as its annual production by dairies is only 3-3.5 lakh tonne litre. Fat, unlike SMP, also has a good market in India, both among households and industrial consumers. This is more so during the grand festival months from August to November, when consumption of mithais goes up. The base ingredients - ghee, khoa, chenna and paneer - in most indigenous sweets come from high-fat milk. There's a higher chance, then, of fat prices recovering than that of SMP.

At current per-kg realisations, the gross revenue for a dairy producing 8.75 kg of SMP and 3.6 kg of fat/ghee from 100 litres of cow milk would be Rs. 3,224-3,333. Deducting Rs. 350 post-procurement expenses (on chilling, aggregator/collection agent commission and transport to the plant), and Rs. 350 processing and packing costs, the dairy can, at most, pay farmers Rs. 2,524-2,633, or Rs. 25.24-26.33 per litre. And that's more or less what they are paying.

Politically, this could be a disaster - particularly ahead of the Maharashtra state assembly elections due in October. The National Democratic Alliance government there, on June 28, announced a Rs. 5/litre subsidy payable to farmers on the milk they supply to dairies. The scheme's fine print though - eligibility criteria and coverage of farmers as well as dairies - is still awaited. Even if implemented well in time for the polls, it wouldn't address the underlying problem of SMP stock pile-up.

Shri Ganesan Palaniappan, a dairy ingredients trader in Chennai, believes that the only way to get rid of the excess SMP stocks is exporting it out, whether commercially or as commodity assistance to neighbouring countries.

But the drop in global prices - SMP rates at the New Zealand-based Global Dairy Trade fortnightly online auction platform are ruling at \$2,586 per tonne, down from the recent high of \$4,599 in April 2022 - makes commercial exports unviable. India's SMP shipments have, moreover, been on the decline, from 1.3 lt in 2013-14 to 4,800 tonnes in 2023-24 (**see Chart and Table on Page 55**).

"The Centre should give a subsidy on SMP exports, which will boost domestic prices and enable our dairies to pay more to farmers," said Shri Palaniappan.

Dr. R.S. Sodhi, President, Indian Dairy Association suggested that the Centre should create a 50,000-100,000 tonne buffer stock of SMP: "If farmers don't

get remunerative prices, they will not feed their animals properly, and you would have milk inflation next year. A buffer stock (the government buying powder from dairies and also paying for its storage) will support prices for producers now and protect consumers from future inflation".

Over the medium term, the dairy industry would have to develop a market for SMP or its constituents - proteins (casein and whey), carbohydrate (lactose), and minerals (mainly calcium, potassium and phosphorous).

The reasons are two-fold. First, there is growing demand for milk fat in India. But for every 1 kg of fat, dairies also end up making over 2.4 kg SMP. Secondly, farmers prefer rearing cows, as they - notwithstanding issues relating to disposal of unproductive cattle - yield more milk and start calving earlier than buffaloes. At the same time, 1 kg of fat from buffalo milk results in production of less than 1.4 kg of SMP.

Heritage Foods is Spreading its Footprint to Become a pan-Indian Private Dairy



The company recently announced its foray into West Bengal and over the next few days, Bihar and Jharkhand are on the cards. In

Odisha, Heritage launched its products about six to nine months back.

Shri Srideep M Kesavan, Chief Executive Officer (CEO), said "East had the lowest per capita consumption of dairy. But in the last few years, the region has emerged as the fastest-growing market. This is the growth market that we want to capture."

These are building blocks to the company's target of achieving revenue of Rs. 6,000 crore in three years.

In FY24, Heritage clocked consolidated revenue of Rs 3,793.9 crore. Heritage's products are sold across 12 states in India. The company has 18 milk processing facilities with a total processing capacity of 2.78 million litres per day (MLPD). And, it works with more than 300,000 dairy farmers for milk procurement across nine states.

Shri Kesavan said that post-Covid, a focus on healthier products has had a rub-off effect on the dairy industry. In the last three years, Heritage has grown at a compound annual growth rate (CAGR) of 17 per cent, he pointed out.

...continue on Page 58

The company currently has a presence in 16 states, including Andhra, Telangana, Karnataka, Kerala, Tamil Nadu, Maharashtra, Odisha, Delhi, Haryana, Rajasthan, Uttarakhand and UP. Its annual turnover stood at around Rs 3,208 crore in the FY 2022-23.

Heritage Foods Ltd., a dairy company founded by Andhra Pradesh CM Shri Chandrababu Naidu over three decades ago.

Mohali Industrial Economic Zone (MIEZ) Gets Rs 150-cr dairy plant

Mohali Industrial Economic Zone (MIEZ) has announced that Gopal's Sweets, the biggest dairy products brand in Punjab, Haryana and Himachal Pradesh, will set up a manufacturing unit there. The company has invested approximately Rs. 150 crore in the project.

MIEZ is an industrial initiative by the Royale Estate Group. It is proving to be a game-changer in transforming the industrial landscape of the Tricity, including Punjab, Haryana, Himachal and Jammu & Kashmir.

Spread over 150 acres with a vision to eventually take it to 500 acres over the next three years, MIEZ's proximity to an International Airport, the biggest Railway Junction of the region and the Dry Port of Shambhu barrier, augmented by the great advantage of connectivity to all the four states, makes it the best industrial township ever in Tricity.

Gopal's Sweets Pvt. Ltd managing director Sharanjit Singh says, "With the perishable nature of our products, mainly sweets and other dairy and bakery products, we were looking for the most central and strategic location from where we could serve all the four states within the desirable timelines. We found this huge advantage in the location of MIEZ, where we are now the region's biggest manufacturing unit for sweets, nankeens, bakery and other milk products, at an investment of approximately Rs. 150 cr."

Another notable industry at MIEZ, which is nearing

Vidya Dairy, Anand Won "GHKC Green Env Contest" and Personnel of Vidya Dairy awarded "State Shramratna Award"



Vidya Dairy has been adjudged the Winner of GHKC Green Env Contest (under category, Dairy) 2022-23 organized by Baroda Productivity Council, Vadodara (BPC). On 23rd May, 2024, Shri Raj Patel (General Manager), Shri Chirag Panchal (Executive), Shri Divyesh Chauhan (Executive) and Shri Bhavesh Patel (Asst. Executive) received Certificate and Trophy from Gyanvatsal Swami, BAPS and Shri G.P. Namdeo in the function held at Vadodara.

Shri Ravindra Laxmanrao Patil has been awarded "State Shramratna Award" by Labour, Skill Development & Employment Department, Government of Gujarat in recognition to his outstanding performance in increasing production and productivity during the year 2022-23.

Shri Ravindra Patil received "State Shram Ratna Award", from Shri Balvantsinh Rajput, cabinet minister of Industries, Civil Aviation, Rural Development, Labour and Employment in the Government of Gujarat in the glittering function held on 11th March, 2024 at Gandhinagar.



completion, is a food processing unit spread over 4 acres, with an investment of more than Rs 100 crore. This plant is approved by the Ministry of Food Processing, Government of India. Punjab's green farm products, such as green peas, cabbage, onions and potatoes, which currently go

to Rudrapur in Uttarakhand for processing & packaging, will now no longer have to go to Uttarakhand. This plant at MIEZ will cater for all such operations for the farmers and food growers of Punjab.

"We have more than 50 reputed industries on board who have joined MIEZ and are in the process of setting up their respective industry, ranging from pharmaceuticals, packaging, food processing, agro and agriculture, engineering, tractors and auto parts, metal and bath fittings, machines, furniture, marbles and granites and so on. A few names from these industries are Comments Industry, Zenus Metal Manufacturers, VK Engineering Works, Making Ways Auto Industries, Boparai Auto Industry, Woodcraft, Ruby Industries, Health Guard Packaging Pvt Ltd, Ethnic Biotech, Forgo Pharmaceutical Pvt Ltd, Swastik Lifesciences Pharmaceuticals, Raj Steel Furniture, Woodcraft and many more," said Shri Ashish Mittal, Director, MIEZ.

Every industry being set up in MIEZ will have all the benefits under Invest Punjab initiative by Govt. of Punjab and under MSME "Make in India" initiative by Govt. of India.

INTERNATIONAL News

International Dairy Market: USDA

As per the latest USDA data of mid July, 2024, international market overview are as follows:

EUROPEAN

Western European

As expected, seasonal milk declines are taking place across West Europe. Warmer temperatures and some storms have cut into milk output. That said, milk production levels are generally above that of last year. According to CLAL data made available to USDA, May 2024 EU cows' milk delivered to dairies is estimated at 13,496,000 MT, up 0.6 percent compared to last year. Year-to-date EU cows' milk delivered to dairies through May 2024 is estimated at 62,784,000 MT, up 1.0 percent when compared to January-May 2023 EU milk production. Among some of the top West EU milk producers, the year-to-date milk deliveries and percentage changes from January-May 2023 are Germany, 13,867,000 MT, +0.3 percent; France, 10,446,000 MT, +1.1 percent; and Netherlands, 5,897,000 MT, -1.3 percent.

Poor weather resulted in a weak start to the milk production season in Ireland and the United Kingdom. Milk volumes during the normal peak of spring flush were below those of last year. According to CLAL data

made available to USDA, the provisional May 2024 cows' milk delivered to dairies in the UK was 1,421,300 MT, down 0.7 percent from May 2023. Year-to-date cows' milk deliveries in the UK for January-May 2024, 6,638,500 MT, was only slightly lower compared to total milk deliveries in January-May 2023. However, those numbers are annualized against a weak 2023/24 production year. More recently, improvements in weather and grass growth rates have helped bolster milk output. First cuttings of hay are thought to be at good levels, and depending on future weather patterns, hay harvest and milk output should match more closely to typical output levels.

Eastern Europe

Milk production across East Europe continues to show strong output growth. According to CLAL data made available to USDA, some of the top East EU milk producers, the year-to-date milk deliveries and percentage changes from January-May 2023 are Poland, 5,802,000 MT, +5.6 percent; Czech Republic, 1,408,000 MT, +3.7 percent; and Hungary, 754,000 MT, +5.6 percent. The provisional May 2024 cows' milk production in Belarus was 783,000 MT, up 6.1 percent from May 2023. January - May 2024 provisional milk production in Belarus, 3,648,000 MT, is up 7.8 percent from January - May 2023. Online information services report May 2024 Ukrainian milk production was 732,000 tons, compared to 751,000 tons in May 2023. The average May milk price in Ukraine was approximately 30.8 euros per 100kg, compared to the average May milk price of 45.90 euros per 100 kg in the EU-27 and 46.34 euros per 100 kg in Poland.

The European Commission reports the Combined Drought Indicator (CDI) for late June 2024 signals warning drought conditions for parts of East Europe, including Poland, the Balkans, and parts of Romania and the Baltic States. Warning conditions suggest that drought conditions exist that are negatively affecting crops and vegetation.

OCEANIA DAIRY MARKET

New Zealand

A group in New Zealand, which forecasts dairy prices, decreased the forecasted milk price for the 2024/2025 season, following GDT event 360, by 23 cents, to \$8.32/kgMS. The group explained that the results of GDT event 360 were bearish overall for milk prices. They further stated that the improvement in the GDT price index was offset by declining prices for whole milk powder. Recently released data from New Zealand for May showed the number of dairy cows sent to slaughter during the month was up by 11.7 percent from May 2023. The number of cows slaughtered in May 2024 was the highest during the month of May in the last 7

six years. From the start of 2024 through May, cow slaughter numbers are up 11.2 percent from the same time in 2023.

Australia

Dairy Australia recently released export data showing milk export volumes from July 2023 - May 2024 were 169,666 MT, down 24.2 percent from the same time period a year earlier.

According to Dairy Australia, April 2024 milk sales, 195.0 million liters, were up 1.5 percent from April 2023. The volume of milk sold was down in April 2024 from a year prior in South Australia and Tasmania, though sales volumes increased in every other state. Milk sales from the start of the season in July through April 2024, 1,965.4 million liters, were up 0.9 percent compared to the same time period a year earlier. The June 2024 Production Inputs Monitor from Dairy Australia was recently released. This report stated drier than normal weather was present across many of the dairy regions during June, contributing to stronger demand for supplementary feed. Recently released data for the 2023/2024 season in Australia showed cow culling was down by 9 percent compared to the prior season. This report attributes this decline to declining cattle prices early in the season and below long-term averages persisting since January..

SOUTH AMERICA DAIRY MARKET

Contacts suggest seasonal milk upticks are yet to be notable. An intensely wet fall season, which brought flooding and rainfall to key dairy areas throughout the continent, has become a warmer/dryer winter. One

positive note, according to analysts, is that dryness is allowing for a timely corn harvest. As operational costs have been a looming concern for dairy farmers and the dairy industry, on the whole, an increase in quality forage/silage is expected to help stabilize some dairy farm costs in the near-term.

Regarding trading, contacts suggest skim solids, butter, and skim milk powder (SMP) markets are warming considerably. Both Brazilian and Algerian importers are seeking out those specific commodities with some vigor. With the expected increases in milk output, processors are expected to increase manufacturing of some currently bullish commodities, namely SMP and butter. Cheese and whole milk powder (WMP) market prices are reportedly slower to tick up, but that is at least partially due to limited availability.

2024 IDF Dairy Innovation Awards Finalists Announced



The International Dairy Federation (IDF) is delighted to announce the finalists for the 2024 edition of the IDF Dairy Innovation Awards that have been published today after a careful assessment by a prestigious jury of

global dairy experts. The winners will be announced on October 18 during a Special Plenary Session on innovation at the IDF World Dairy Summit 2024 in Paris, France.

Global Dairy Price Index Moved up Slightly at GDT Event

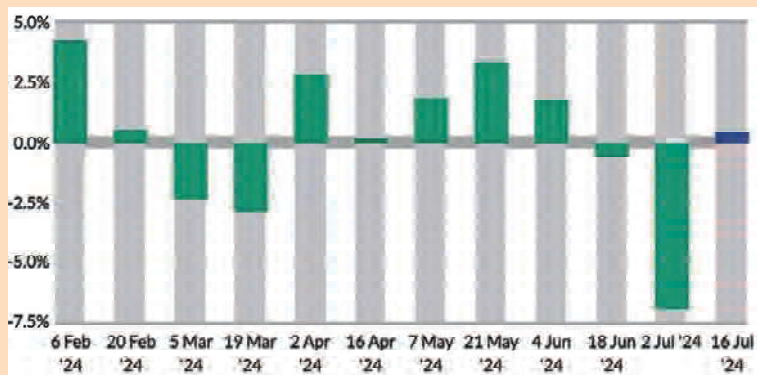
The Global Dairy Index is up slightly. On July 16, 2024, trading session saw the price index go up 0.4 percent with an average price of \$3,837 per metric tonne.

Cheddar cheese, anhydrous milk fat, and butter prices were up, while Lactose, Mozzarella cheese, skim milk powder and whole milk powder prices went down.

There were 118 winning bidders in 19 rounds of auction Tuesday, with a total of 22,954 metric tonne of dairy products sold.

Cheddar cheese was up 6.2% to \$4,217 per metric tonne, or \$1.91 per pound. Anhydrous milk fat prices were up 4% to \$6,764 per metric tonne, or \$3.75 per pound. Butter was up 0.8% to \$6,606 per metric tonne, or \$2.99 per pound. Whole milk powder prices fell 1.6% to \$3,142 per

metric tonne, or \$1.42 per pound. Skim milk powder prices were down 1.1% to \$2,566 per metric tonne, or \$1.16 per pound. Mozzarella cheese was down 0.8% to \$4,225 per metric tonne, or \$1.91 per pound. Lactose prices dropped 0.6% to \$792 per metric tonne, or \$0.35 per pound.



The IDF Dairy Innovation Awards are designed to showcase the dairy sector's engagement and dynamism on a global scale, providing a unique platform to highlight innovative processes, practices, and products that improve efficiency and contribute to achieving the UN Sustainable Development Goals (SDGs).

In its third annual edition, the IDF Dairy Innovation Awards 2024 received a remarkable 153 entries from 25 countries, demonstrating the growing enthusiasm and commitment to showcasing innovation across the global dairy sector. The diverse and extensive pool of entries has significantly heightened anticipation for the winner's announcement at the IDF World Dairy Summit 2024.

Details of entries per categories are as under:

Topics	No. of Entries
Innovation in Sustainable Farming Practices: Environment	17
Finalists	
Danone, France Société des Produits, Nestlé S.A, Switzerland Teagasc-AgNav, Ireland	
Innovation in Sustainable Farming Practices: Animal Care	21
Finalists	
Amul Dairy, India DeLaval, Sweden Yili Group, China	
Innovation in Sustainable Farming Practices: Socio-Economic	18
Finalists	
Danone, Morocco Meiji, Japan NDDB, India	
Innovation in Sustainable Processing	6
Finalists	
Asha Mahila Milk Producer Company Limited, India Idaho Milk Products Inc, USA Mengniu x Tetra Pak, China	
Innovation in Sustainable Packaging	10
Finalists	
CowPots, USA Danone, France Nestle China, China	
Innovation in NPDP - Human Nutrition	29
Finalists	
GCMME, India GoodSport®, USA	

mandu-care GmbH, Germany

Innovation in NPDP - Equipment 8

Finalists

Everest Instruments Ltd., India
THRASOS, France
Unisensor, Belgium

Innovation in Women Empowerment 6

Finalists

IDFA, USA
Mengniu Group, China
Vansh Dairy Farm, India

Innovation in Climate Action 19

Finalists

dsm-firmenich, Switzerland
STgenetics, USA
Yili Group, China

Innovation in Marketing & Communication 19

Finalists

Dairy Farmers of Canada, Canada
J-milk, Japan
Yili Group, China

"Innovation is not just beneficial but essential for sustainable growth and development. The IDF Dairy Innovation Awards aims at fostering innovation within the global dairy sector. Innovation is happening everywhere and across the dairy value chain to harness the role of the dairy sector to nourish all with safe and sustainably produced milk and milk products", said IDF Director General, Ms Laurence Rycken.

"We are thrilled to see how the finalists of the 2024 edition of the IDF Dairy Innovation Awards stand out on key initiatives, including ongoing projects on sustainable farming, processing, marketing and packaging, as well as climate action socioeconomics and women empowerment ", she concluded.

McKinsey: US Dairy Sector Focus on Sustainability Challenge

McKinsey survey finds US dairy firms like Arla Foods, Müller and First Milk are prioritising sustainability issues including sustainable food production. According to the survey, the progress on sustainability commitments is evident, it adds that farm-level emissions remain a stubborn challenge. McKinsey has completed its sixth annual survey of US dairy executives, conducted with the International Dairy Foods Association, revealing a shift in priorities for the dairy industry.

The US Department of Agriculture figures show that farming activities in the US were responsible for 10.6% of US greenhouse gas emissions in 2021. McKinsey points out that this challenge is only intensified by others across the world, including global population surges, leading dairy industries to face the monumental task of sustainable food production. Nevertheless, industry leaders exude optimism about dairy's future. They're grappling with a complex web of innovations, regulations, and economic pressures, all whilst steering the sector towards a greener horizon. With sustainability dominating dairy executive priorities, previous concerns about growth and resilience have been put into perspective.

Although the McKinsey report focuses on the US market, the company did also quiz executives from dairy processors, producers, packaging companies and retailers from the Canada, Europe and Oceania, found that 42% of leaders are focused on growth; 29% on nutrition; 16% on innovation; 10% on international opportunities; and 2% on leadership issues. Dairy executives say they are most excited about growth, including growth in the companies, industry and consumer demand.

McKinsey reported that based on the interviews, much of this growth was driven by pricing, though executives expect future growth to be propelled more by volume. Growth forecasts vary by product, but dairy overall is expected to grow 4% annually from 2024 through 2027, with most growth coming from cheese and yoghurt. Regarding product nutrition and innovation, almost 30% of dairy executives excited about the nutrition or "goodness" of their products, from the high nutrient density of yoghurt to the potential for dairy protein ingredients. One-third of the executives, interviewed were excited about product innovations that allow them to better harness the nutrition of dairy.

The report ranks sustainability as the top concern across leaders in the dairy industry, followed by regulation, demand, geopolitics and food safety. When asked what keeps them up at night, 19% of executives say they are sustainability issues, with three-quarters saying that their sustainability efforts are motivated by stakeholders, including customers, retailers and other dairy vendors. One dairy executive told McKinsey: "Consumers are extremely interested in sustainability, but they are not necessarily willing to pay more. I'm not sure if this will ever change. People will tell you they are willing to pay for it, but they won't." Respondents also say they are increasingly focused on regulation, with 13% citing it as a key concern.

Recent and upcoming revisions to US national legislation are another key concern, as environmental regulations like California's methane reduction mandate and

potential carbon taxes, similar to those in Europe and New Zealand, are shaping the industry's future.

These developments are echoed by the finding that sustainability has become a strategic priority, with 60% of dairy processors citing greenhouse gas emissions reduction as a top-three issue. Addressing Scope 3 and farm-level emissions remains challenging, says McKinsey. The survey revealed that, whilst 71% of companies measure farm emissions, only 27% alter procurement based on these metrics.

Acting on these concerns, Dairy brand Müller, is implementing on-farm carbon reduction programmes to help farmers decrease their environmental impact. Whereas First Milk, the British farm-owned dairy co-operative with customers including Nestle, is focusing on regenerative farming practices to improve soil health and biodiversity and investing in renewable energy sources for their production facilities.

At COP28, several major dairy companies formed the Dairy Methane Action Alliance, building on previous initiatives like the US Dairy Net Zero Initiative. This alliance aims to address methane emissions across the entire dairy supply chain, including Scope 3 emissions.

As the industry moves towards its 2050 net-zero goal, McKinsey thinks dairy executives should consider:

- Developing comprehensive strategies to measure and reduce Scope 3 emissions
- Enhancing transparency and measurement capabilities
- Adapting to changing consumer preferences, shareholder pressures, and regulatory requirements
- Addressing labour market shifts with flexible work arrangements and competitive benefits

Dairy companies are also increasingly recognising their impact on natural resources, with 45% citing water usage as a top-three sustainability issue.

To drive these initiatives, nearly 90% of surveyed dairy companies employ sustainability or ESG leads, with 77% in full-time roles—a significant increase from 60% in 2022.

Event CALENDAR

IDF World Dairy Summit 2024

Date: October 15-18, 2024

Venue: Rendez-vous, Paris, France.

Visit <https://www.idfwds2024.com>

Seminar at Inter Dairy

Date: 05-06, December, 2024

Venue: Grande C, Bombay Exhibition Centre, Mumbai

Visit www.interdairy.in