

IDA (HQ) empanelled as Training Partner of FSSAI for FoSTaC

IDA has been empanelled as Training Partner of FSSAI to provide Food Safety training for the training of trainers and training of food safety supervisors. The empanelment is restricted to providing Training and Certification under FoSTaC.

According to section 16(3)h of the Food Safety and Standards Act, 2006, the Food Safety and Standards Authority of India has to ensure training of persons who are, or intend to become involved in food business, whether as food business operators or employees or otherwise. It has been decided that it would be mandatory for all food businesses having Central License or State License to have at least one trained and certified Food Safety Supervisor for every 25 food handlers or part thereof on all their premises.

IDA is now prepared to start FoSTaC training programme at its renovated and well-equipped IDA House at R.K. Puram, New Delhi. IDA will invite the dairy processing plants to nominate their staff for training beginning from November 2018.

IDA (EZ) Organized a talk along with 27th AGBM

THE INDIAN DAIRY ASSOCIATION (EAST ZONE) organized a talk by Prof. Prabal Sen, Former Professor of Economics and Founder Chairperson, Entrepreneurship Development Centre (EDC), XLRI, Jamshedpur, on “Macroeconomic Policy Framework and Role of Entrepreneurial Initiatives in Achievement of the Macroeconomic Goals” on September 22, 2018, at BOHO Club Hall on the Ground Floor of NDDB office at Salt Lake, Kolkata.

Welcome Address was delivered by Dr. R. Chattopadhyay, Chairman, IDA (EZ). Prof. A.K. Bandyopadhyay, Former Vice chancellor of West Bengal University of Animal and Fishery Sciences, Mohanpur, and Chief Guest of the function, encouraged the young entrepreneurs for development of dairy industry and the nation.

Prof. Sen referred to the macro-economic goals emphasized by the policy makers across the world and the principal instruments like monetary policy and fiscal policy employed by the policy makers to achieve the macro-economic goals for their respective countries. He focused on all such issues related to entrepreneurship which have a distinct bearing on the society and economy of a developing country like India. Referring to the significance of entrepreneurship as a business endeavour in an emerging economy, he stated that entrepreneurs are more often than not seen as creators of businesses, which in turn, produce income and output and generate employment. Entrepreneurship can help in achieving all macro-economic goals like (i) economic growth, (ii) price stability, (iii) social justice and (iv) self-reliance, which constitute an integral part of the macro-economic policy framework of a country.

The program was attended by members of the IDA (EZ) and students from the University of Animal and Fishery Sciences, Mohanpur.

The 27th Annual General Body Meeting of the IDA (EZ) was held to transact business as per the



IDA's bye-laws. The Activity Report and the Audited Accounts for the year 2017-18 along with the Proposed Annual Budget for the year 2019-20 were presented and approved by the members. Appointment of Auditors, M/s T.K. Debnath and Associates, for the year 2018-19, was also approved by the members.

Nepal Dairy Science Association Met President-IDA

MR. T.B. THAPA, Chairman, Nepal Dairy Science Association met the President, IDA, Dr. G.S. Rajorhia on October 23, 2018, seeking technical support in furthering the activities of their Association. Nepal Dairy Science Association is preparing to conduct a Seminar in Kathmandu during the year 2019.

Mr. Thapa also requested that IDA may support them in organizing an exhibition during that Seminar. Mr. Thapa is a Life Member of IDA and has served many years as a Consultant with Food and Agriculture Organization and established small scale dairy processing and feed manufacturing plants in Afghanistan.



National Seminar organized by PG Food Chemistry and Food Processing, Loyola College in collaboration with the Tamil Nadu Chapter of IDA

THE PG FOOD CHEMISTRY AND FOOD PROCESSING, Department of Chemistry organized a two day National seminar "Food Sure 2018 – One Future, Zero Hunger" in collaboration with the Indian Dairy Association, Tamil Nadu Chapter on September 27th and 28th, 2018. Around 174 participants included students and alumni members.

At the Inaugural ceremony held on 27th September morning, all the dignitaries' emphasized on the need for a movement towards zero hunger initiative. Dr. Fatima Vasanth, Deputy Principal, Loyola College, Chennai, in her opening address mentioned about the social aspect of how to tackle hunger and how employment and technology can help curb hunger.

Dr. Naresh Kumar, Chairman, Indian Dairy Association, Tamil Nadu Chapter, said that there is a growing need of organized warehouses for storage facilities and use of technology in smart and innovative ways to lessen the spoilage and loss of food.

Dr. Satish Kulkarni, Former Head, National Dairy Research Institute (NDRI), Bangalore and Vice President-IDA, was the Chief Guest. He spoke about the five visions of zero hunger and how crucial each is. He also focused on the importance of dairying in India and how to make



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sufficient food efficient which will help tackle hunger. He also mentioned that “It is the team work that makes the dream work; it should be everybody’s mission to feel the new pressure of rising against hunger”.

Dr. Usha Antony, Professor, Department of Food Technology, Anna University, Chennai, highlighted on the three dimensions of food security – availability of food, accessibility of food and stability of food. The key goals of ending hunger were eliminating all forms of malnutrition, building sustainable food system, and academic learning of post-harvest technology.

Dr. Issa Fatima Jasmine, Founder Chairman,

Aiyamittu Unn, Chennai spoke about how she was inspired to start her community fridge initiative wherein, fresh food along with clothes and basic necessities are stocked up in her community fridges from which the people in need can use these free of cost. The concept of “Individual Social Responsibility” (ISR) needed to be established.

Shri C. Amit Vaishnav, Managing Director, Mega Food Products Madras (P) Limited, conducted a student interaction session as he wanted the voice of the youth to be heard. Five student speakers representing four different colleges spoke on their view on how to tackle hunger.

NATIONAL news

Amul best alternative model for economy: PM

INAUGURATING A NEW CHOCOLATE-MAKING FACTORY set-up by Amul in Gujarat, Hon’ble Prime Minister Shri Narendra Modi, said that a cooperative model like Amul is the most viable economic alternative to capitalist and socialist models.

The new factory is an expansion of an already functional confectionery unit of Amul near Anand. The Gujarat Cooperative Milk Marketing Federation is India’s largest farmers’ cooperative.

Shri Modi credited Sardar Patel, who founded the Kheda Milk Union, for creating the model. Sardar saheb sowed the seed for a third economic model – controlled neither by government nor capitalists. Instead, it was created with the cooperation of farmers and people and everybody was a part of it.

This model is the result of a farmers’ cooperative movement of over seven decades. Amul has become an identity, inspiration and necessity in the country. While addressing a gathering of farmers after the inauguration, Shri Modi called upon Amul to set a target for making India the third largest milk processor in the world, from its current ranking of 10th.

The new plant is a ₹ 533-crore premium chocolate plant. A nutritional food unit, the Anand Agriculture University Centre of Excellence in Food Processing, and a ₹ 20 crore Vidya Dairy ice cream plant were also launched simultaneously.



FSSAI seeks new talent as Govt. notifies FSSAI Recruitment Regulations

THE GOVERNMENT formally notified the first set of Recruitment Regulations of FSSAI in the official gazette recently. A few weeks ago, the government sanctioned

500 new posts to strengthen the functioning of the country’s apex food regulator.

Shri Pawan Kumar Agarwal, Chief Executive

Officer, FSSAI, said, “These two measures, coupled with the recent approval extending the benefit of government housing to regular employees of FSSAI should resolve the issue of shortage of staff in the authority, which was thus far managing its affairs through deputations and contractual staff.”

He added that the manpower sanctioned for FSSAI was raised from 356 to 824 in August 2018, and the Food Safety and Standards Authority of India (Recruitment and Appointment) Regulations, 2018 would now pave the way for recruitment of personnel on regular basis to the authority.

Shri Agarwal elaborated that a large number of the newly created posts are for technical functions, particularly of Technical Officers (255 posts) and Assistant Director Technical (60 posts), where the staff shortage is particularly acute. In addition, 74 new posts of Central food safety officers have been created.

With this, FSSAI would now be able to handle food safety inspections and enforcement for Central licensees directly instead of entirely depending on the states.

Meanwhile, the Recruitment Regulations of FSSAI now allow direct recruitment up to the level of Director as a lateral entry. Further, keeping in view the requirement in the technical areas.

“The concept of consolidated remuneration, based on the years of experience for posts in IT and specialized cadre has been introduced to attract the best talent pool of candidates available in the market. A provision to hire services of consultants from the open market where special skills and competencies, not covered in the recruitment regulations are not available, has also been incorporated. The levels of posts have been defined to ensure proper



promotional avenues, under the rules,” said an official statement released by the apex food regulator.

Further, to have a modern and robust food control system, the government has sanctioned to create posts for new functional areas like social and behavioral change communication, training and capacity building and new technologies. Moreover,

FSSAI has been able to persuade state governments to strengthen and augment the food safety mechanism and several state governments have initiated recruitment of food safety personnel in recent months.

The official statement from FSSAI added, “To fuel its future growth, FSSAI is looking to recruit well-qualified, energetic and dedicated candidates who are ready to serve the country. A career in FSSAI means not only a steady job with adequate financial benefits, unparalleled career potential and personal growth, but also an opportunity to contribute to ensuring safe and wholesome food for 130 crore citizens of the country.”

Candidates would be selected through a rigorous and transparent process, and an advertisement would be circulated inviting applications shortly. Candidates selected in FSSAI will draw basic salary, along with dearness allowance, transport allowance, house rent allowance, etc., as per the Seventh CPC.

Along with basic pay and other allowances, reimbursement of expenses for newspaper, telephone charges, etc. as per eligibility shall be applicable. Medical facilities for self and dependents under CGHS/CSMA shall also be applicable. Selected candidates will be governed by the defined contribution New Pension Scheme (NPS), in addition to the benefit of gratuity.

Mother Dairy to undertake dairying and horticulture development project in Varanasi

MOTHER DAIRY FRUIT AND VEGETABLE PVT. LTD. (MDFVPL), a wholly-owned subsidiary of National Dairy Development Board (NDDB), announced its plan of undertaking an extensive dairying and horticulture development project in Varanasi. It will set up the necessary infrastructure to support the sourcing and marketing the farm produce such as milk and fresh fruits and vegetables (F&V).

MDFVPL initially dedicated 10 milk and F&V booths to the residents of the city on the occasion of Gandhi Jayanti.

Shri Dilip Rath, Chairman, NDDB, said, “NDDB, in its endeavour of doubling farmers’ income, is providing institutional support in developing the dairying and horticulture practices. As part of the initiative, it has made substantial investment and progress in Assam, Bihar, Jharkhand, Odisha and West Bengal, and is



METRO DAIRY EYES ₹800 CR REVENUE IN TWO YEARS

Metro Dairy, the prime revenue driver for Keventer Agro, is aggressively working on the plan of doubling revenue to ₹ 800 crore from ₹ 400 crore in the next two years. They are trying to strengthen sales and distribution network.

Metro Dairy contributes nearly 50 per cent of Keventer Agro's turnover. According to the Chairman and Managing Director, Keventer Agro, Shri Mayank Jalan, they are exploring new markets in Bengal as well as Bihar, Jharkhand, Odisha and northeast. The aim is to make Metro Dairy products available at 25,000 retail touch-points. We hope to expand market share and become top dairy brand in eastern India in two years.

ITC'S FABELLE TO MARK DIWALI FESTIVITIES WITH SIX CHOCOLATE HAMPERS

ITC's Fabelle Exquisite Chocolates, assorted in specially-curated gift bouquets, have now been designed for the upcoming Diwali festivities. The six distinct hampers are the Regalia Bouquet, the Signature Bouquet, the Prisma Bouquet, the Royal Bouquet, the Grande Bouquet and the Elegant Bouquet.

HERSHEY INDIA INTRODUCES HERSHEY'S KISSES CHOCOLATE IN THREE VARIANTS

Hershey India Pvt Ltd, a part of The Hershey Company— the largest producer of quality chocolates in North America, has launched its Hershey's Kisses brand of chocolates in India. They will be available in three exciting variants: Milk Chocolate; Almonds (which has creamy milk chocolate and real almond bits, and Cookies 'n' Creme (which has creamy white chocolate with enticing cookie bits).

now ready to contribute in the Eastern region of Uttar Pradesh.” He stated that the regions are under developed from the perspective of the organised dairy and horticulture industry and, therefore, has large scope for development. We must focus on cash crops and value added farming like fruits and vegetables and allied activities of animal husbandry to ensure that farmers have marketable products, backed by an organised and institutionalised marketing mechanism. Mother Dairy is opening consumer touch points aimed to provide direct access to farmers of the region. MDFPL also plans to undertake farmer development activities by adding 56,000 farmers to the network by 2024.

Mother Dairy procures about 15 lakh litre of milk per day from over two lakh farmers across 29 districts of the state. In addition, Safal, the F&V arm of Mother Dairy, procures over 20 fruit and vegetable items from 3,000 farmers from 22 districts of Uttar Pradesh.

As a consumer centric organisation, Mother Dairy has always been on the forefront in offering convenience and quality products to its consumers. Our outlets are known to offer varied benefits to consumers, all available under one roof right from quality produce, best prices to availing modern solutions such as digital payment and electronic weighing machines for F&V. Also, with Varanasi attaining the Smart City status with modern civic infrastructure, opening of milk and vegetable booths would add to the convenience of the residents.

Speaking on the occasion, Dr. Saugata Mitra, Director, MDFVPL, said that not only farmers and consumers, but MDFVPL is committed to empowering ex-servicemen too. The proposed outlets in the city will be managed by ex-servicemen, basing their strategic tie-up with the Directorate General of Rehabilitation, similar to its network in the National Capital Territory.

Mother Dairy, through its range of products, is already present in key towns of the state, including Agra, Allahabad, Bareilly, Bulandshahr, Gorakhpur, Kanpur, Lucknow, Meerut and Moradabad.

The company has two state-of-the-art dairy plants in Pilkhuwa near Hapur and Etawah for processing of poly-pack milk and manufacturing of dairy products such as *lassi*, *chhachh*, *dahi*, etc.

ICAR-NDRI Organized Winter School

ANIMAL NUTRITION DIVISION of ICAR-National Dairy Research Institute, Karnal organized ICAR sponsored winter school entitled “Nutritional Strategies to Enhance Livestock Productivity and Farm Economy” during 5th-25th September, 2018 where 24 participants from 17 states participated to strengthen and update the latest technologies, innovations and global scenario on livestock productivity and how farm economy can be improved under Indian scenario.

Besides NDRI Scientists, external experts from renowned organizations and feed industries delivered lectures and demonstrations during the training programme. Industrial visits to large scale feed manufacturing, set up of new feed mill, lab scale as well as commercial bale silage making were organized for entrepreneurship development. Latest technologies in improving the efficiency of available feed resource utilization, utilization of crop residues and agro-industrial by products, bypass nutrient technologies, ration balancing, web based ration formulation, feeding strategy to attain early puberty in both male

and females, enriching milk with nutraceuticals, fortification of milk with micronutrients, role and functions of feed additives for better utilization of feed resources, entrepreneurship and start up programmes for educated youths to improve farm economy are few of the topics discussed during the training programme.



Dr. Vijay Paul Sharma, Chairman Price and Cost Commission was the Chief Guest at the inaugural function while Dr. R.R.B. Singh, Director, ICAR-NDRI, Karnal was the Guest of Honour and Dr. M.S. Chauhan, Director, CIRG, Makhdoom was the Guest during the Closing Ceremony.

Vidya Dairy, Anand wins an Award for the best skill development centre

THE ASSOCHAM INNOVATION & EXCELLENCE AWARDS, 2018 in the category of “Best Skill Development in Dairy Sector for the year 2018” was presented to Vidya Dairy by the Associated Chambers of Commerce and Industry of India, Gujarat council, Ahmedabad. Shri D.R. Shah, Managing Director, Shri Sunny

Kharwa, Sr. Executive (Dairy) and Shri Jigar Patel, Sr. Executive (Marketing) received ASSOCHAM Award from Sadhvi Niranjani Jyoti, Hon’ble Union Minister of State for Food Processing Industries, Govt. of India.



Vidya Dairy has recently also received the award for “Best Skill Development for the year” of Gujarat Training & Development Leadership Awards 2018. It was hosted by World HRD Congress & Star of the Industry Group.



47TH DAIRY INDUSTRY CONFERENCE 7th - 9th Feb., 2019

Samrat Ashok Convention Centre Patna (Bihar)

IDA (East Zone) in association with Bihar State Chapter of IDA is organizing 47th DIC and Dairy Expo at Samrat Ashok Convention Centre, Patna, Bihar during February 7-9, 2019. The theme of the conference is “Innovative Approach for Enhancing Dairy Farmers’ Income”. The conference will provide an excellent platform for interaction and sharing of experiences with eminent professionals, experts, researchers, policy makers and milk producers from diverse corners of India and abroad on different ways to increase dairy farmers’ income. For more information, contact Secretary General, 47th DIC, Indian Dairy Association, Bihar State Chapter, C/o Managing Director Office, Patna Dairy Project, Vaishal Patliputra Dugdh Utpadak Sahakari Sangh Ltd., Feeder Balancing Dairy Complex, Phulwarisharif, Patna-801505. ida Bihar 2019@gmail.com www.47thdic.org

GLOBAL AGRICULTURE AND FOOD SUMMIT 2018

29th - 30th November 2018
Ranchi, Jharkhand

Government of Jharkhand in collaboration with FICCI is organizing the Summit from 29th - 30th November 2018 at Ranchi, Jharkhand, which will be an international event focusing on Agriculture and allied sectors. For details, visit <http://agrifoodsummit.jharkhand.gov.in> Also, contact: Mr. Zafar Ali globalagrifoodjhr@gmail.com; OR Smt. Pooja Singhal, IAS, Secretary, Department of Agriculture, Animal Husbandry and Co-operative, Nepal House, Doranda, Ranchi, Jharkhand jhagriculture@gmail.com

Institute - Industry Meet organized at ICAR-NDRI, Bengaluru

AN INSTITUTE-INDUSTRY meet was organized at ICAR-NDRI, Bengaluru on 6th October 2018 to explore collaboration with dairy industry as well as to transfer technologies developed at ICAR-NDRI. Various new technologies developed by NDRI were presented to industry representatives. The industry representatives were also given opportunity to present their views and perspectives on what NDRI is expected to do for the Indian dairy industry. In all 54 persons representing 30 industries like Dodla Dairy, ITC, Britannia Industries, Heritage Foods, Hatsun Agro, etc. participated in the Meet.

Mr Sunil Reddy, Managing Director, Dodla Dairy Ltd., Hyderabad was the Chief Guest and Mr Sanjay Singal, Chief Operational Officer, ITC Ltd., Bengaluru was the Guest of Honour. Director of ICAR-NDRI, Dr. R.R.B. Singh presided over the inaugural programme and Joint Director (Research) Dr. Bimlesh Mann and Head of ICAR-NDRI, Bengaluru Dr. K.P. Ramesha were also present. Dr. B.C. Ghosh, Organizing Secretary of the meet welcomed the participants and Dr. K.P. Ramesha Chairman of the Organizing Committee made the introductory remarks and also highlighted the importance of regular interactions between institute and industry. Dr. S. Ayyappan, NABARD Chair Professor explained the importance of transfer of technology quickly to the end users. Mr Sunil Reddy stated that dairy institutes are doing good work, but the technologies should be offered to industry as a package including manufacture methods, packaging, cost effectiveness and market opportunities. In that case, his company would be willing to sponsor

research project. He also offered to provide fellowship/ scholarships to students. Mr Sanjay Singal elaborated the efforts being made by ITC in introducing new products and sought collaboration with NDRI in their endeavors. Dr. R.R.B. Singh assured the industry that NDRI would be pragmatic in its approach in dealing with industry and wanted more and more collaborative approaches rather than working in an isolated manner. NDRI would direct its research projects to meet the expectations of industry. The technology brochures published by NDRI Karnal and Bengaluru were distributed to industry representatives for their information and knowledge. The Inaugural session ended with vote of thanks by Dr. K. Jayaraj Rao, Principal Scientist (Dairy Tech.).

Industry representatives suggested that one month short term training courses are arranged for new recruits of engineers, QC persons, veterinary assistants and other dairy professionals to make industry ready. Industry personnel should be trained in FSSAI, Codex, BIS and EIA standards.

The areas identified in the Meet for further research work are:

- Improvement of initial quality of milk at collection points
- Utilization of concentrated milk for reconstitution and recombination purposes.
- Effective application of membrane technology in the industry (for example in powder plant and evaporation plants)
- Conversion of old powder plants into agglomerated powder plants (agglomerated SMP



- fetches higher price)
- Reduction in the use of sugar in dairy products.
- Development of energy efficient equipment
- Enhancement of shelf life of paneer possibly up to 30 days
- Utilization of treated ETP water (RO, deodorized etc.)
- Accelerated test for determining sterility of UHT milk to avoid incubation time.
- Rapid tests for estimating FSSAI quality and safety parameters
- Development of low-cost method for detecting aflatoxins

- Fixing of standards for traditional milk sweets.
- Development of kit methods for approval by FSSAI
- Development of strip test for detection of preservatives in liquid milk
- Study on proteolysis activity in milk and testing equipments
- Effectiveness of area specific mineral mixture on conception rate as compared to normal mineral mixture
- Educating farmers and middlemen not to adulterate raw milk

Godrej Agrovet' s Creamline Dairy on expansion mode in TN

CREAMLINE DAIRY PRODUCTS LTD, a Rs. 1,200-crore subsidiary of Godrej Agrovet Ltd, is strengthening its footprint in Tamil Nadu through its value-added product *Jersey Thickshake*, targeted at on-the-go consumers.

Shri Raj Kanwar Singh, CEO, Creamline Dairy, said dairy beverages are the fastest growing products in the beverage category. With an increased preference for healthier beverage alternatives, *Jersey Thickshake*, which is made from 100 per cent milk, will be able to complement snacks consumed in-between meals by both adults and children. Priced at ₹ 25 for 180 ML pack, *Jersey Thickshake* is available in retail stores across Southern India.

Tamil Nadu is a priority market for the company, and *Thickshake* is a key launch under the value added products portfolio, supported by television, digital and outdoor medium to drive awareness.

Last fiscal, the company earned around ₹ 200 crore from Tamil Nadu. They want to increase it to around ₹ 350 crore in the current financial year and to around ₹ 500 crore in a couple of years.

Aavin sets record in milk procurement

AAVIN, the Tamil Nadu Cooperative Milk Producers Federation Ltd., has set a record in milk procurement. In the third week of September 2018, farmers across the state brought in 35.01 lakh litres of milk to their respective milk producers cooperative society collection centres. This is an increase of 1.84 lakh litres a day compared to the same period last year.

The milk major has been working on increasing sales and at the same time ensuring timely payment to farmers, which is the main reason for the rise.

Aavin Managing Director Shri C. Kamaraj said, "In most places, payment to farmers is done within a week. We have been working towards increasing sale of milk and milk-based products and the effort would be to sustain this tempo. We had been trending upwards of 34.60 lakh litres a day and during the third week of September, it touched the all-time high."

The cooperative federation, the third largest in the country in terms of procurement, sells 12.40 lakh litres of milk daily in Chennai city and 10.40 lakh litres in the rest of the districts in the State. It pays around ₹ 300 crore every month to 4.60 lakh pouring farmers, who are members of cooperative societies.

The upward trend in milk procurement is witnessed because of the feed that is supplied to farmers. This too has seen a quantum leap. Our cattle feed plant at Erode is operating to full capacity and producing around 4,300 tonnes a month. We also extend subsidy for feed, Shri Kamaraj added.

Along with an increase in sale of milk, Aavin has also improved the movement of milk-based products.



IDF World Dairy Situation '18 launched at World Dairy Summit in Daejeon

THE IDF WORLD DAIRY SITUATION 2018 report was launched at the World Dairy Summit in Daejeon, South Korea. It was put together by IDF experts from dairy-producing countries around the world under the scope of work by the IDF Standing Committee on Dairy Policies and Economics (SCDPE). The Indian delegates were also present at the launch.

“The IDF World Dairy Situation 2018 will enlarge understanding of the current macro supply and demand trends affecting the dairy sector,” said Gilles Froment, Chairman, IDF Standing Committee on Dairy Policies and Economics.

The publication contains a comprehensive set of dairy industry statistics and provides an insight on the wide range of policies and economic factors which influence a world that is increasingly focused on food safety, quality, nutrition, sustainable development and global trade.

The 200-page flagship publication of the IDF provides an overview of the dairy sector in over 50 countries around the world. The annual publication offers useful insight on macro supply and demand trends in the dairy sector with data on global milk production and processing, pricing, consumption and trade.

The main findings of the report are:

- Milk fat-driven recovery of the market resulted in profitable milk prices throughout most of 2017, propelling above-average milk production growth last year. The strongest growth was recorded in India, Pakistan, Turkey, Australia, Poland and the United Kingdom
- There was greater import demand by China last year due to a shortfall in milk production. The East Asian country regained much of its strength as the number one dairy importer in the world after local stock positions normalized in 2016. The demand growth was noticed in UHT milk, mozzarella and cream cheese.
- Key export regions like Oceania, the United States and the European Union (EU) will see their cheese production grow in years to come as they have to keep up with the accelerating import demand in Asia, with Japan, the Republic of Korea and China being important destinations.

Ms. Caroline Emond, Director General, IDF, said the World Dairy Situation 2018 provided an informative outlook on the dairy sector. This publication presents data on the dairy sector in respective countries, not just at the farm level. Useful information on national and global dairy production, consumption and trade flows are beneficial to producers and processors. The analysis of demand and supply trends help in decision-making and strategic planning to seize market opportunities.

EU dairy futures hit record volume

ALMOST 20,000 TONNES of skimmed milk powder, butter and whey were traded on the European Energy Exchange (EEX) during September 2018, the highest product volume on record.

This provided a much-needed liquidity boost for the market after the hot summer sparked concerns over production volumes.

Skimmed milk powder futures were launched on the EEX in 2010, but the market has been strangled since then by a lack of liquidity in the derivatives sector. Now,

businesses in the dairy sector, including traditionally conservative cooperatives, are becoming more active as they look to protect themselves against fluctuating prices.

Volatility has been a consistent feature of the dairy products sector since the mid-2000s when the EU began to lower its intervention threshold, where it buys products at a certain level to stabilize prices.

The market received a boost in 2015 when Brussels elected to abolish the quota system, meaning production volumes of EU dairy products would no longer be



constrained.

However, low liquidity within EU derivatives markets has made it difficult for buyers and sellers to hedge for the past few years, which has prevented the market from stabilizing.

Thanks to the influx of capital from increased trading volumes, key processors are now able to use futures to mitigate price fluctuations. This mitigation will prove particularly important as Brexit draws nearer; the UK's exit from the EU is expected to have a significant impact on the UK and Irish dairy sectors.

HEALTH *news*

Cocoa and dark chocolates can boost Vitamin D intake, strengthen bones

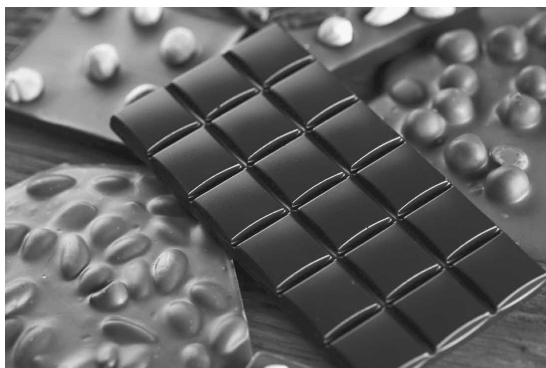
Foods rich in cocoa, such as cocoa butter, cocoa beans, cocoa powder, and dark chocolates may improve the vitamin D intake.

Vitamin D comes in two types - vitamin D2 and D3. While, vitamin D3 is produced in the human skin through exposure to the sun, the rest is ideally consumed through food such as fatty fish, chicken or eggs.

The findings, published in the Journal Food Chemistry, revealed that products containing cocoa are indeed a source of vitamin D2.

However, the amount varied greatly from food to food. This is not surprising as the cocoa content in white chocolate is significantly lower. It confirms our assumption

that cocoa is the source of vitamin D2, sources from University Halle-Wittenberg in Germany stated.



The researchers said that brittle bones and an increased risk of respiratory diseases could be the result of vitamin D deficiency and cocoa butter and dark chocolate have the highest amount of vitamin D2.

Cocoa beans were dried after fermentation, placed on mats and exposed to the sun for one to two weeks. While dark chocolate has a relatively high vitamin D2

content, very little amount of vitamin D was found in white chocolate. However, the researchers do not recommend consuming large quantities of chocolates.

Three Glasses of Milk a day can keep heart diseases away

ACCORDING TO A GLOBAL OBSERVATIONAL STUDY, people who consumed three servings of whole fat dairy per day had lower rates of mortality and cardiovascular disease compared to those who consumed less than 0.5 serving of whole fat dairy per day. Cardiovascular disease is the leading cause of mortality worldwide. The consumption of dairy should not be discouraged and should even perhaps be encouraged in low-income and middle-income countries where dairy consumption is low. Lead author Dr. Mahshid Dehghan said, "Our findings support that consumption of dairy products might be beneficial in preventing mortality and cardiovascular disease, especially in low-income and middle-income countries where dairy consumption is much lower than in North America or Europe."

The evidence suggests that some saturated fats may be beneficial to cardiovascular health, and dairy products may also contain other potentially beneficial compounds, including specific amino acids, unsaturated fats, vitamin K1, and K2 and calcium.

