



MESSAGE FROM THE DIRECTOR GENERAL

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We all know that nutrition is important - not only the quantity of the food, but also its quality. The importance of food quality was recently emphasized by an [article](#) that argues that brain size in primates is correlated with diet rather than with social interactions as previously thought. The study found that omnivore and fruit-eating primates have larger brains than primates that eat only leaves.

In our efforts to optimize nutrition it is important to have good tools to judge its quality. For protein quality, a method called PDCAAS (Protein Digestibility Corrected Amino Acid Score) is currently used. However, an improved method called [DIAAS](#) (Digestible Indispensable Amino Acid Score) has been recommended by FAO in 2013.

DIAAS determines amino acid digestibility at the end of the small intestine, which is physiologically more relevant than digestibility in the total digestive tracts used by PDCAAS. In addition, the truncation used in PDCAAS gives high protein sources like milk powder and eggs the same rating even though milk protein is of higher quality.

In the latest meeting of the [Codex Committee on Nutrition](#) there was widespread support to establish protein quality requirements. FAO stated that DIAAS was not yet ready for use, and that they would consider convening an expert consultation to provide guidance on the appropriate use of protein quality assessment methods for Codex.

The increase of human population size underlines the pressing need to define accurately the amount and quality of protein required to meet nutritional needs. FAO and Codex are encouraged to support the use of the latest and most accurate scientific methods to optimize the match between dietary intake and protein needs.

Dr. Nico van Belzen,
IDF Director General

EXECUTIVE SUMMARY

Find in this issue IDF's technical support at the meeting of the **Codex Committee on Food Additives**, as well as an update of the work of the Standing Committee on **Environment** and of the Standing Committee on **Dairy Policies and Economics**.

Everything is ready for the **ISO/IDF Analytical Week 2017** taking place in Madison next week and registrations are now open for the **IDF WDS in Belfast 2017**. In addition, we invite you to save the dates of the first IDF event on **The Role of Dairy in Sustainable Diets 2018** in Seville, the **ISO/IDF Analytical Week 2018** in Dublin, and the **IDF Mastitis Conference 2019** in Copenhagen.

And last but not least, with the endorsement of IDF, **SSAFE** has published a global tool to contribute to the food safety training of rural dairy farmers around the world.

IDF AT THE 49TH SESSION OF THE CCFA IN MACAU, CHINA

The Codex Committee on Food Additives (CCFA) is committed to progress the [Codex General Standard for Food Additives](#) (GSFA). This commitment impacts the food additives in the Codex dairy standards, as well as in dairy categories by possibly adding, deleting or modifying the acceptable levels of various food additives. Dairy companies exporting dairy products are encouraged to work together with their [IDF National Committees](#) and the [IDF Standing Committee on Food Additives](#) (SCFA) to keep abreast of changes in food additives provisions in dairy products.

Following last year's [approval of the revised food category 1.1](#), the CCFA considered the appropriateness of adopted and draft provisions in the categories 1.1.1, 1.1.3 and 1.1.4. Other draft provisions, such as agar and carbon dioxide have been discontinued.

Based on intervention of several member countries and IDF, the CCFA agreed to maintain a number of provisions on hold in the category 1.1.1 Fluid milk (plain), which covers fluid milk, pasteurized, sterilized and UHT. IDF members are invited to provide use levels and technological justification for these additives as the CCFA would allow the use of gums (such as carrageenan, gellan gum, guar gum, mono- and diglycerides of fatty acids, etc.) as stabilizers, but not as thickeners.

The new category 1.1.2 other fluid milks (plain) was considered separately and several provisions were accepted to enter the GSFA for this category and other dairy categories.



IDF was represented by A Sayler (US), A Dubois (IDF) and C Bruun Kastrup (DK)

Currently, all provisions for food additives with "colour" or "sweetener" function are on hold. Therefore, provisions for paprika extract were not progressed. Several organizations requested to review this decision and to identify the colours free of concerns to allow their use and prevent trade issues. This will be considered when drafting the next version of the discussion paper on the management of the work of CCFA.

IDF's work highlighting discrepancies between the dairy standards and the GSFA was acknowledged. A decision on aligning dairy standards will be reconsidered at the next CCFA meeting in China on 26-30 March 2018.

PROGRESS ON THE WORK OF THE IDF STANDING COMMITTEE ON ENVIRONMENT

The [IDF Standing Committee on Environment](#) (SCENV) discussed progress of its Action Teams and other projects during the mid-year conference call.

The Action Team (AT) on **Innovative Practices for Eco-Friendly Dairy Processing** is collecting data of dairy industries on technologies for wastewater treatment. The goal is to write a publication for the global dairy processing sector with practical examples of how to implement eco-friendly practices, and propose a list of best practices.

The work on the **Nutrition and Sustainability Information Hub** has kicked off. The goal is to share initiatives, programs, research, events, etc. done in this area of work. A central point of information showing the compilation of these resources will be accessible to IDF Members and IDF National Bodies. Members of this AT will also identify relevant communication material, and contribute to the comprehension of documents relevant for nutrition and sustainability. This work has been identified as a priority in the 2017 IDF programme of work.

SPRING MEETING OF THE IDF STANDING COMMITTEE ON DAIRY POLICY AND ECONOMICS

Hosted in Tel Aviv by the IDF National Committee of Israel and the Israel Dairy Board, the spring meeting of the IDF SCDPE discussed the structure and content of the 2017 edition of the World Dairy Situation Report, which is planned to be released in the fourth quarter (in the meantime, the [2016 edition](#) remains available). The 2017 country reports presented in the meeting will be published separately, and will update the [2016 country reports](#).

During the technical tour the SCDPE members visited Strauss' dairy at Achihud, enjoying a wide variety of dairy products including one taken directly from the assembly line.

The technical tour also visited two farms, one operating as a kibbutz collective and one being family owned within a rural community called moshav. The average annual yield of dairy cows in moshavim and kibbutzim is 11.437 and 12.257 kg, respectively, which is particularly impressive considering Israel's hot climate.

Kibbutz Harduf is the first and only organic dairy farm in Israel. It has developed a method of processing the dung, on a daily basis, while still in the cowshed. This method improves cow welfare is now applied in most dairy farms in Israel.



Dairy cows at the Harduf kibbutz

The family farms that are part of the Kfar Yehoshua moshav cooperatively own both a compound feed facility and a feeding center providing grain, compound feed and TMR (total mixed ration) for chicken coops, feedlots, cattle and goats.



Goat doe with three young kids at the farm of Ami Amitsur, the chairperson of the Kfar Yehoshua moshav.

ISRAEL DAIRY BOARD AND CATTLE BREEDERS ASSOCIATION ENDORSE THE DAIRY DECLARATION OF ROTTERDAM

At the end of the spring meeting of the IDF SCDPE in Tel Aviv, IDF President Dr Judith Bryans (in the middle), Israel Dairy Board CEO Mrs Michal Kraus (right) and Israeli Cattle Breeders Association CEO Mr Evyatar Dotan signed a document demonstrating the commitment of the Israeli dairy sector to the Dairy Declaration of Rotterdam.

Dr Bryans said the dairy industry needed “great trailblazing countries such as Israel to spread the word about the principles of the Dairy Declaration and work towards meeting the United Nations’ Sustainable Development Goals.”



Israel Dairy Board and Cattle Breeders Association endorse the Dairy Declaration of Rotterdam

EVENTS

IDF/ISO Analytical Week 2017, 8-12 May, Madison, US

About 100 participants from all continents, and representing 20 countries have registered their attendance to work with the 30 Actions Teams and 6 Standing Committees ([SCAMAC](#), [SCAMC](#), [SCAMDM](#), [SCAMPAL](#), [SCHMM](#), [SCSA](#)) on the progress of the joint IDF/ISO work programme.

In parallel, the US IDF will host the annual meeting of the [North American Laboratory Manager Association](#).

On Wednesday 10 May, the [symposium on “New Approaches to the Safety, Quality and Performance Triangle,”](#) will stimulate new ideas by hearing from speakers outside of the dairy industry, addressing food safety challenges and opportunities and highlighting technologies in cutting edge endeavors to balance the triangle of Safety, Quality and Performance.



IDF World Dairy Summit 2017, 29 October – 3 November, Belfast, UK

The organizing committee of the IDF World Dairy Summit 2017 is pleased to announce that registration for this year's event, which will take place in Belfast from the 29th of October to the 3rd of November has now opened. [Register](#) before the 30th of June 2017 to take advantage of the Early Bird rate.

The IDF World Dairy Summit is the flagship event of the International Dairy Federation attracting between 1.000-1.500 participants from all over the world. Whether you're a dairy CEO, work for a dairy processing company or trade association, are a dairy farmer, an economist, a marketer, a scientist, a technical person or a supplier to the dairy industry the World Dairy Summit has a great deal to offer you.

Three reasons you can't afford to miss the IDF WDS 2017 in Belfast are:

- A multi-disciplinary programme which is truly representative of the global dairy industry with strong insightful speakers tackling traditional as well as innovative subject areas;
- Networking - the networking opportunities at IDF World Dairy Summits is superb and with this year's programme of events we aim to offer you the ideal forum to meet dairy sector and non-dairy industry stakeholder;

- A technical programme which offers the opportunity to learn about the latest developments in taking product from concept to market, safety and quality, farm practice, nutrition and health, as well as, applying science to knowledge, business and technology exchange.

We look forward to seeing you in Belfast in October.



IDF Event on The Role of Dairy in Sustainable Diets, 1-2 February 2018, Seville, Spain

The IDF Head Office is bringing together the global dairy community to focus on The Role of Dairy in Sustainable Diets in Seville, Spain on the 1st and 2nd February 2018. The event will feature the public perception of dairy, health claims on dairy, public health nutrition, sustainable diets, mitigation of environmental impact and adaptation to climate change.

The event is expected to attract at least 200 high-level representatives from dairy companies and other important stakeholders from all over the world. It would be an excellent opportunity to meet these dairy leaders.

Dr Nico van Belzen, Director General of IDF said: *“The dairy sector plays a key role in ensuring food security, nutrition and sustainability for present and future generations. We are proud to be part of a sector that strives to develop a sustainable and competitive future from farm to fridge while producing highly nutritional foods.”*

The great city of Sevilla provides a magnificent backdrop to the conference. Its magnificent architecture has been declared world heritage. Sevilla features important cultural and artistic legacy as well as gastronomic delights. Its excellent air and rail systems connect to a multitude of national and international destinations.

IDF/ISO Analytical Week 2018, 23-27 April, Dublin, IE

The IDF/ISO Analytical Week is the annual meeting point for dairy Methods of Analysis and Sampling experts featuring a symposium, business meetings, a technical tour, and an exhibition of analytical providers.

The Joint IDF/ISO work programme is progressed through the business meetings leading to the publication of ISO/IDF international standards and accompanying protocols. The exhibition taking place in parallel will feature high throughput analytical instrumentation, advanced laboratory instruments, rapid chemical and microbiological assays, and suppliers of consumables. The half day Symposium will tackle harmonization of analytical methodologies in relation to global dairy trade followed by a visit of state-of-the-art regulatory laboratories of the Irish Department of Agriculture, Food & Marine at Backweston, Dublin.

This is an excellent opportunity for networking with international scientific peers, global instrument and supply companies.

<http://www.idfisodublin2018.com> (to be available soon)



IDF Mastitis Conference 2019, 15-16 May, Copenhagen, DK

The next IDF Mastitis Conference will be held in Copenhagen, Denmark, in May 15 and 16, 2019. The conference will convene experts from around the world to discuss the latest findings on mastitis prevention and treatment, and share experiences from national programs being implemented around the world.

PUBLICATIONS

IDF endorses SSAFE Framework on Global Dairy Farming Food Safety Training

The IDF has endorsed the [Global Dairy Farming Food Safety Training Framework](#) prepared by [SSAFE](#) as a tool to contribute to the food safety training of rural dairy farmers around the world. This new framework sets out a set of basics and requirements built on existing international standards, codes of practice and guidance from Codex, IDF, ISO and others, to help dairy farmers take a step-wise approach to better food safety management. This framework will help dairy farmers apply [FAO/IDF Good Dairy Farming Practices](#) and enable international organizations and the private sector to design dairy training programs based on local needs and conditions.

The framework is available for [free download](#) from the SSAFE website.

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