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Message from the Director General



Preparations are well underway for the upcoming IDF World Dairy Summit in Yokohama, Japan. With over 1200 participants already registered, this year looks set to be another successful and rewarding Summit.

I am looking forward to the IDF Forum, further details of which you'll find in this Newsbrief, as it will be an excellent opportunity to showcase some of IDF's key achievements in the last twelve months.

Alongside adding value through international standards and IDF's unique role in the global health agenda, our contributions to global dairy sustainability will be presented. Sustainability is high on IDF's agenda, as shown by our role in international dialogue and action on sustainability through the Global Dairy Agenda for Action (GDAA), the upcoming IDF-SAI Workshop on Biodiversity and the Dairy Sector, and also our involvement in the FAO-LEAP Partnership.

I hope you'll join us in Yokohama to learn more about the impact of this work across the globe.

Dr Nico van Belzen
IDF Director General

Programme of Work - Environment

IDF-SAI Workshop on Biodiversity: Programme Available

IDF's Standing Committee on Environment Action Team on Biodiversity and the Dairy Sector is collaborating with the Sustainable Agriculture Initiative (SAI) Platform's Dairy Working Group to organize an all-day workshop that will be held on Wednesday, September 18. The programme is available to view [here](#).

Revised IDF Carbon Footprint Guidance

When IDF published, 'A common carbon footprint approach for the dairy sector: The IDF guide to standard life cycle assessment methodology' in 2010, it did so with the intention that the guide was to be continuously reviewed and revised to capture the latest developments in this rapidly evolving field of science and standards. In 2012, the Standing Committee on Environment's Action Team on LCA Development Monitoring initiated work aimed at reviewing the 2010 guide with the goal of presenting a revised version at the IDF WDS 2013 in Yokohama. As part of the review, IDF National Committees were asked to complete a questionnaire based on feedback from users of the guidance. The results of this survey provided valuable input to the SCENV AT's analysis and helped to orient and prioritize the group's work.

To ensure consistency and comparability of results obtained by users of the first and subsequent versions of the guide, an effort was made to limit any changes to those deemed by the AT members to be supported by robust scientific evidence. To this end, no major changes have been made to the methodology; however, some adjustments are proposed in order to ensure accuracy, applicability and acceptability to the global dairy sector. The revised guide, which encompasses the hard work and collaborative review, discussion and analysis over the past year by SCENV AT experts and contributors from around the world, will now be circulated to the SCENV for review. IDF SCENV Chair, Sophie Bertrand, will present the most recent version of the guidance during the IDF WDS Environment Conference on Friday, 1 November from 8:30-15:30 in Yokohama.

IDF Water Footprint Guidance

In the context of global water scarcity and food security concerns, water footprinting has emerged as an important sustainability indicator in the agricultural and food sectors. Water footprints can focus on different kinds of assessments, such as monitoring water quantity or quality, and numerous alternative methodologies exist for calculating water footprints. It has become evident that the wide range of figures resulting from the differing methodologies and data is leading to inconsistent results, incongruent interpretation, uncertainty in decision making, and communication challenges. This poses a real danger of confusion and contradiction, which in turn could create a false impression that the dairy sector is failing to actively engage with the issue of water consumption and degradation. Given this situation, the IDF Standing Committee on Environment's Action Team on Water Footprinting has been working to develop common guidance that can be used by global dairy sector stakeholders to establish benchmarks and develop strategies to improve water resource management.

By developing this guidance, IDF aims to increase understanding about the concept of water footprint assessment; provide transparency about the water profile of dairy products within their life cycles; enable

quantification, monitoring and evaluation of the potential environmental impacts related to water use from cradle to the manufacturing gate out, both in terms of quantity and quality; orient the identification of “hotspots” (areas targeted for consumption reduction); and enable the establishment of an indicator that can be used to measure progress on the actions taken to improve efficiency.

The IDF guide is being developed for use by the dairy farming and dairy manufacturing sector, and for decision makers seeking information to help them develop a strategy to improve water use efficiency. It follows a Life Cycle Assessment (LCA) methodology and addresses both water quality and quantity, taking into account water availability and water scarcity. The guidance is in-line with the current draft of the International Organization for Standardization’s (ISO) water footprinting standard (ISO 14046), the final version of which is expected to be approved in late 2013. IDF SCENV Chair, Sophie Bertrand, will outline key aspects of IDF’s water footprinting guidance during the IDF WDS Environment Conference on Friday, 1 November from 8:30-15:30 in Yokohama.

Programme of Work - Nutrition



Reminder: IUNS Satellite Symposium

IDF is one of eight dairy organizations from around the world joining efforts to demonstrate the tangible nutritional benefits of dairy at a symposium on “Maintaining health with nutrient rich diets: The role of dairy in prevention of metabolic syndrome, cardiovascular disease (CVD), obesity and sarcopenia.” Taking place in Granada, Spain on Thursday 19 September (17:00-19:00), the Symposium is organized in conjunction with the 20th International Union of Nutritional Science (IUNS) Congress of Nutrition.

Full programme details, plus speaker biographies and abstracts are available online on the [IDF Dairy Nutrition Website](#). For those that cannot be at the session in person, a video of the presentations will be made available.

Programme of Work - Nutrition & Environment

2nd International Symposium on Sustainable Diets: Human Nutrition & Livestock, Ulaanbaatar, Mongolia, 21-25 August

As part of a joint initiative of the Standing Committee on Nutrition and Health and the Standing Committee on Environment, and thanks to the support of several dairy organizations, Dr Toon van Hooijdonk of Wageningen University, the Netherlands, gave a Keynote presentation at the 2nd Asia and the Pacific Symposium on Sustainable Diets: Human Nutrition & Livestock, entitled “Dairy in a sustainable diet: A question of balance”.

This event presented an excellent opportunity to provide evidence-based research on the role of dairy in a

sustainable diet. The increasing demand for dairy products must be realized with the highest contribution to nutrient security and with minimal environmental impact. A key aspect in the discussion is that ruminants are excellent converters of human-inedible resources into high quality food that provides a wide range of essential nutrients for good health. In addition, ongoing research into animal feed and animal productivity is bringing further clarity to how greenhouse gas emissions, such as methane, could be mitigated.

Dr van Hooijdonk's presentation was well received, particularly in a nation looking to develop its dairy industry, and sparked interesting conversations on biodiversity - how do we increase productivity and still maintain biodiversity? – as well as on the nutritional value of dairy in relation to Non-Communicable Diseases.

Proceedings of the event, organized by the FAO, jointly with the Ministry of Industry and Agriculture, Mongolia, and the School of Food Engineering & Biotechnology (FEBS) of Mongolian University of Science & Technology, will be available shortly.

For further information please see: www.biodiversity2013.mn

Relations with International Organizations - Codex

Codex Alimentarius Commission

The 36th Session of the Codex Alimentarius Commission (CAC) from 1-5 July 2013 was attended by 585 delegates, including Roger Hall, Michael Hickey and Joerg Seifert representing IDF. The meeting celebrated the 50th anniversary of Codex.



From left to right: Michael Hickey, Chair of the IDF Science and Programme Coordination Committee, Joerg Seifert, IDF Technical Director, Awilo Ochieng Pernet, Vice-Chair of Codex, Sanjay Dave, Chair of Codex, Roger Hall, Chair of the IDF Food Standards Steering Group

Several new international standards and other texts of key importance to the global dairy sector, and to which IDF had made a significant contribution by providing technical expertise, were adopted. Examples include:

Guidelines on Application of Risk Assessment for Feed and Guidance on Prioritizing Hazards in Feed

Feed safety is a critically important element in the dairy value chain in order to ensure the safety of milk and milk products. The science-based technical input of IDF, in close collaboration with other private sector partners representing the feed industry and veterinary drug industry, has resulted in the adoption of a new global Codex framework for improving feed safety worldwide.

Revised Guidelines on Formulated Supplementary Foods for Older Infants and Young Children

Providing technical expertise to the Codex nutrition committee, IDF has supported the revision of the guideline document, recognizing its importance for the health of infants and young children, in

particular in developing countries. The new guidelines reference the Protein Digestibility Corrected Amino Acid Score (PDCAAS) as a tool for evaluating protein quality. IDF supports the concept of determining protein quality according to latest scientific findings and methodology. In partnership with the Global Dairy Platform (GDP), IDF will continue its efforts to gain full recognition of the new improved methodology, Digestible Indispensable Amino Acid Score (DIAAS).

Codex Principles for Use of Sampling and Testing in International Trade

This Codex document is very important for all stakeholders involved in the international trade of dairy products. It aims to prevent trade disputes related to disagreements on test results between the exporter/producer and importer/consumer. IDF is actively involved in the development of associated explanatory notes to ensure appropriate application of the new principles, helping to ensure fair trade practices all over the world.

Revised Codex Principles and Guidelines for the Establishment and Application of Microbiological Criteria

The revision was initiated to reflect the rapid development of food safety management systems and in particular microbiological risk management metrics. IDF was appointed mentor for the development of an example of a Microbiological Criterion for verifying the performance of a (Hazard Analysis and Critical Control Points (HACCP) system by food business operators. The adopted revised document is a robust legal basis for ensuring consumer protection with regard to dairy products and beyond.

Food additive provisions of the General Standard for Food Additives

Because of concerns associated with the intake of aluminium-containing food additives, Codex sought to restrict their use wherever possible. Provisions for revised levels of some aluminium-containing food additives were retained for some milk products and related food categories (dairy based drinks, milk powders) and in salt for use in the manufacture of specific cheese varieties. The Codex work on food additive provisions has a major influence on the use of certain acidity regulators, stabilizers, thickeners and emulsifiers in dairy products. IDF will remain very actively involved in this work.

Protection of dairy terms

IDF has also actively contributed to the Codex Commission debate on the labeling of Non Fermented Soybean Products as had been proposed by the Codex regional committee for Asia (CCASIA). Based on the interventions of government delegations from IDF member countries and others expressing their concern about the use of the term “soybean milk” as the name for the products concerned, the Codex Commission decided that CCASIA must address this issue as it continues to further develop the relevant regional standard.

New work on Processed Cheese

The meeting decided to establish an electronic Working Group, lead by New Zealand and Uruguay, to further study the possibility to develop Codex standard(s) for processed cheese. IDF will engage in the deliberations as a technical advisor being well familiar with the issues that have resulted in an impasse after 15 years of work in the currently adjourned Codex Committee on Milk and Milk Products.

More details on the CAC meeting can soon be obtained from the IDF Observers' report to be posted on the IDF Intranet and from the official report of the meeting available at:
www.codexalimentarius.org/meetings-reports/en/?sortingDate=012013

Codex standards can be obtained from: www.codexalimentarius.org/standards/en/

Communications Update

World School Milk Day

World School Milk Day 2013 is on Wednesday 25 September – how will you be celebrating? We've asked IDF National Committees to share the events going on in their countries to celebrate World School Milk Day. This annual event provides an important opportunity to focus attention on milk as a global nutritious food, with a special emphasis on the nutritional status of children. We are looking to include all types of activities. If you would like to share an initiative please don't hesitate to contact your National Committee Secretary or IDF Head Office at communications@fil-idf.org

IDF Events

IDF World Dairy Summit – IDF Forum

New IDF strategy - shaping the operating framework for the dairy chain



The IDF Forum aims to show participants a flavour of the significant impact that IDF has on key factors affecting the dairy sector worldwide. The focus is not on the technical content, but on why these topics are being addressed and the value IDF brings. The Forum will take place on 28 October 2013.

Chair: *Michael Hickey, Chair of the IDF Science and Programme Coordination Committee (SPCC)*

- **IDF key achievements in 2012-2013**
Nico van Belzen, IDF Director General
- **Delivering on nutrition: IDF's unique role in the global health agenda**
Judith Bryans, GB
- **IDF – Value through international standards**
Jaap Evers, NZ
- **IDF's contributions to dairy environmental sustainability**
Sophie Bertrand, FR
- **The way forward – IDF strategy implementation**
Jeremy Hill, IDF President

Q&A and discussion

Moderated by Bob Yonkers, SPCC member for Economics and Marketing

Dairy Farming Conference

The Dairy Farming Conference will take place on October 31, 2013 during the IDF World Dairy Summit in Yokohama, Japan. As production must increase to meet rising demand, pressures are placed on quality, securing feedstuffs and the environment. This conference will address such issues in two sessions, as well as review dairy farming practices in Japan.

Session 1: Facing challenges on dairy farms for the future

How can dairy farmers manage change to survive? To develop nutritional control of high yielding dairy cows through modifying feeding diets is important in view of feed efficiency and animal health. New strategies for grazing system are required to establish sustainable dairy farming. Increase of self sufficiency of feed resources is also important in Asian countries.

Session 2: New approaches in reducing green-house gasses emissions from enteric fermentation

Recent progress and future outlook for reduction of methane emissions from rumen fermentation will be discussed. Dairy farming in Asian countries contributes greatly to global output of GHG. New practical approaches for reducing methane emissions by using safe and natural materials will be provided. Case studies for reducing GHG emissions in Asian countries will also be introduced.

Full programme details available [here](#)

Click here to register for the Summit online: <http://www.wds2013.com/eng/registration.html>

Standard Registration deadline: 10 September 2013

Late Registration deadline: 15 October 2013

GUIDANCE DOCUMENTS

Revised code of practice for the preparation, submission, presentation of IDF input to and representation at Codex

This is a Code of Practice for the preparation, submission and presentation of IDF input to the Codex Alimentarius Commission and its subsidiary bodies.

[Link to Intranet Document](#)

Revised notes of guidance for members of Standing Committees and Task Forces in IDF

The purpose of these guidance notes is to introduce members of Standing Committees and Task Forces to the ways in which they can make the most effective contribution to the IDF Programme of Work.

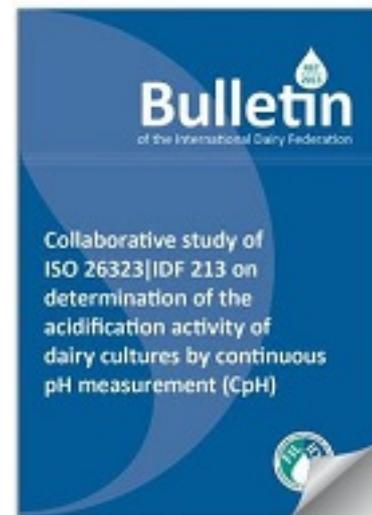
[Link to Intranet Document](#)

Both documents should be read in conjunction with the [IDF Rules of Order](#).

PUBLICATIONS

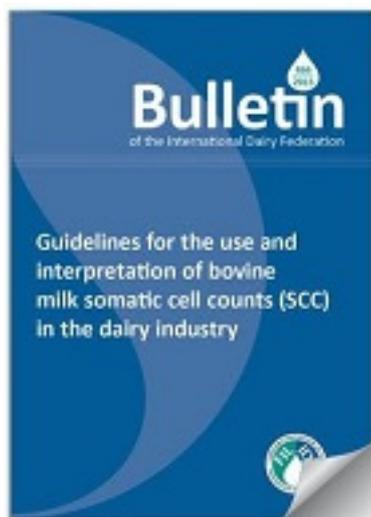
Bulletin of the IDF No. 467/2013 - Collaborative study of ISO 26323/IDF 213 on determination of the acidification activity of dairy cultures by continuous pH measurement (CpH)

This report compiles the results of an international collaborative study conducted to establish precision figures for the determination of acidification activity of dairy cultures by continuous pH measurement with the method described in ISO 26323|IDF 213. The cultures used were: mesophilic O-starter culture of *Lactococcus lactis* strains, mesophilic LD-starter culture of *Lactococcus lactis*, *Leuconostoc mesenteroides* and *Lactococcus lactis* subsp. *Lactis* (biovar.) *diacetylactis* strains and thermophilic starter culture of *Streptococcus thermophilus* strains.



The summary of the collaborative study is included in the report and into the International Standard.

Now available to purchase from the [IDF Catalogue](#)



Bulletin of the IDF No. 466/2013 - Guidelines for the use and interpretation of bovine milk somatic cell counts (SCC) in the dairy industry

Somatic cell count (SCC) is the most frequently used indicator of udder health in dairy cows. This article looks at the scientific and practical aspects of determining the SCC in milk and how the counts can vary.

Presentation of the data is discussed and guidelines given for its interpretation on the quarter, cow and bulk milk levels. Also outlined is how SCC data at the cow level can be used as a management guide.

Now available to purchase from the [IDF Catalogue](#)

IDF HEAD OFFICE

Maternity Covers

We are very happy to announce that Aurélie Dubois, IDF's Standards Officer, gave birth to a healthy baby boy named Julien on 8 August. Her maternity leave will be covered by Jason Nissen.

Jason is from Brookings, SD US. He has a Bachelor of Science in Agricultural with an emphasis in Dairy Manufacturing from South Dakota State University. After graduation, he worked for Kemps Dairy at two fluid dairy operations the first in Cedarburg, Wisconsin as a Production Supervisor for 2 years and Rochester, Minnesota as an Assistant Plant Manager for 3 ½ years before moving to Belgium.

Contact Jason at standards@fil-idf.org and +32 2 325 67 45

Delanie Kellon, IDF's Environment and Sustainability Officer, will also be going on maternity leave, and we wish her all the very best at this exciting time. Her maternity leave will be covered by Laura Palomo.

Laura was born in Spain, where she obtained a B.Sc. degree in Biology and a Ph.D. in environmental science, studying plant-soil interactions and nutrient cycling. She continued her investigations as a postdoctoral researcher in the USA, focusing on organic carbon transformations. Her current interest is to apply her expertise and passion for the environment to promote sustainable development.

Contact Laura at lpalomo@fil-idf.org and +32 2 325 67 54

Pierre Staal

With sadness, IDF announces the demise of our Federation's previous Secretary General Mr Pierre Staal. Joining IDF in 1960 and retiring in 1989, Mr Staal served IDF for longer than any other Secretary General.

Among Pierre Staal's major achievements we note the following:

- He saved IDF from oblivion in the 1960s
- He persuaded IDF members to fund the purchase of permanent headquarters (41 Square Vergote) in 1970. (Pierre regarded this as his greatest achievement)
- He implemented fundamental reorganization and method of working (1969-1970), much of which survives to this day.

We pay homage to his memory. May he rest in peace.



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