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Message from the Director General

IDF tackling future challenges in Codex

The most recent outstanding IDF success in Codex has resulted in the adoption of several dairy-related standards bringing the current round of review and revision of existing standards and elaboration of new standards for milk and milk products close to completion. Through the continuous provision of unbiased scientific-technical advice on dairy matters to the Codex process for almost two decades, IDF has gained unrivalled status as a reliable and frequently consulted partner for international, regional and national regulators from all over the world.



The focus of future IDF activity in Codex will be on horizontal regulations and in particular those relating to food additives, food labelling, nutrition, hygiene and safety, export certification and analytical methods. IDF is currently developing a strategic plan that will outline current and future key issues for the global dairy sector in Codex with an identification of opportunities and related strategies and action.

You are invited to participate actively in the IDF Forum on Present and Future Work in Mexico City when the IDF roadmap for future activities in Codex and for other IDF priority areas will be presented.

The meeting will provide a prime opportunity for discussion and fruitful exchange amongst all IDF stakeholders interested in the future of dairy-ing and the role and contribution of IDF in delivering value to the global dairy sector.

Contact: [Christian Robert](#), IDF Director General

Success Stories

Codex

At its most recent session held in Geneva (CH) at the beginning of July 2008, the Codex Alimentarius Commission has adopted all dairy standards as they had been forwarded from the Codex Committee on Milk and Milk Products.

Draft Model Export Certificate for Milk and Milk Products

The international harmonization of certification requirements through Codex is a major breakthrough in view of further minimizing non-technical barriers to trade in milk and milk products. Success was made possible by the persistent work of IDF in providing sound technical advice and establishing consensus at Codex.

Proposed Draft Amendment to the List of Additives of the Codex Standard for Creams and Prepared Creams (CODEX STAN A-9-1976)

The list was completed by addition of diacetyltartric and fatty esters of glycerol (INS 472e), which had been inadvertently omitted from a previous version of the document.

Methods of Analysis in Codex (CCMAS/CCMMP recommended methods)

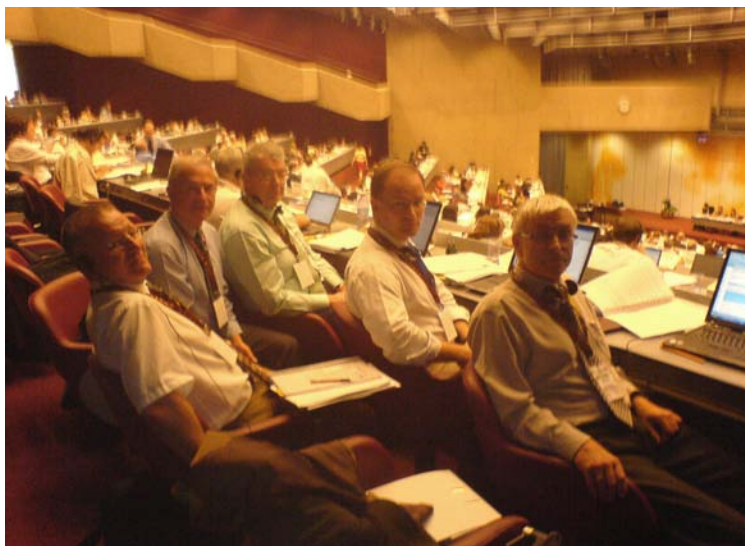
The list of revised methods was adopted as presented and with a call of Codex to ensure consistency of presentation of the science-based nitrogen-protein conversion factor of 6.38 for milk protein with regard to all dairy-related analytical methods. IDF will ensure this through the next ISO/IDF report on up-date of the existing list of methods for consideration at the next session of CCMMP.

Maximum Levels for Annatto Extracts in Codex Standards for Milk and Milk Products

IDF had submitted data on technological use together with clear recommendations to CCMMP in order to prevent trade issues, particularly for cheeses containing annatto, based on the previous Codex non-endorsement of maximum levels for annatto extracts in dairy products.

Food Additive Listings of the Standard for Fermented Milks

The additive listings will be included in the Codex Standard for Fermented Milks in order to complete the standard in view of permitting all additives required for technological purposes in order to ensure an optimum in product quality.



From left to right: J. Vignal, C. Robert, M. Hickey, J. Seifert and C. Heggum representing IDF at the Codex Alimentarius Commission in Geneva.

Proposed Draft Amendment to the Codex Standard for Fermented Milks pertaining to Drinks Based on Fermented Milk

The text of the amendment was adopted on a preliminary basis (Codex Step 5). The figure for minimum of 40% (m/m) fermented milk remains under discussion in CCMMP.

Use of the Lactoperoxidase System (LPS) for Milk and Milk Products in International Trade

There was a long discussion but no consensus on whether or not the current restriction for LPS-treated milk products in international trade should be lifted. IDF will consider the preparation of a written submission to the next session of CAC.

Future Codex work on Animal Feeding

The meeting decided to postpone the decision on starting new work in this area until the next CAC session. Meanwhile, an inter-session electronic working group will draft a possible scope and terms of reference of the new task force for distribution for comment via Codex Circular Letter. IDF will actively participate in the process.

Next session of CAC

FAO Headquarters Rome (IT), 29 June - 4 July 2009.

The IDF Observers report of the meeting is available on the IDF Intranet. See: <http://intranet.fil-idf.org/Common/GetFile.asp?docid=10294&mfd=off>

Contact: [Joerg Seifert](#), IDF Technical Director

First IDF Dairy Farming Summit on “Climate Change - The Heat is On ?”

The UK National Committee of IDF and DeLaval jointly organized the first gathering of a new series of IDF events targeted at dairy farmers, in Edinburgh (UK) from 25 to 27 June 2008.

The presentations and discussions focused on several topical issues including:

- Climate change in an era of increasing food and energy poverty;
- Climate changes as a threat to animal health;
- FAO's Livestock's Long Shadow - environmental issues and options;
- Livestock and mitigation of climate change: from the Intergovernmental Panel on Climate Change (IPCC) to evidence at the national level;
- Economic perspectives on climate change;
- Global warming and greenhouse gas emissions;
- Energy sources and usage;
- Deforestation and biodiversity;
- Water access and usage;
- Pollution and contamination.

All presentations, conclusions, photographs, films and brief summary reports are available for free download from the following website: <http://www.sustainabledairyfarming.com/default.htm>.



Contact: [Joerg Seifert](#), IDF Technical Director

Programme of Work

Science and Programme Coordination Committee

Meeting of the Science and Programme Coordination Committee, Paris, France, 24 May 2008.

Food Standards

A detailed report on future IDF strategy in Codex including analysis of current and future issues for the dairy sector and recommendations will be developed further by the IDF Head Office and IDF Food Standards Steering Group for presentation at the IDF Forum on Present and Future Work in Mexico.

Methods of Analysis and Sampling

There are on-going considerations in regard to restructuring the MSSG working area in order to gain further efficiency and increase effectiveness. The Chair of the ISO/IDF Methods Standards Steering Group (MSSG) will deliver a presentation at the IDF Forum on Present and Future Work in Mexico.

Environmental Sustainability

The meeting noted that the dairy sector could benefit from IDF making the already completed results of work in this field more accessible. It was proposed that IDF should spend resources in aligning with other groups (e.g. SAI, UNEP, FAO). The IDF Brainstorming Task Force on Establishment of an IDF Work Programme related to Sustainability has developed an IDF questionnaire in order to seek views and advice from IDF National Committees.

Hygiene and Safety

It was agreed to request the SC on Microbiological Hygiene to initiate work on up-dating the heat treatment issues related to *Mycobacterium paratuberculosis* and to consider the creation of an exchange network to promote the application of the food safety objectives concept at national level as a follow-up from the very successful IDF/FAO/WHO Food Safety Symposium that was held in Bali/Indonesia in February 2008.

Technology

The Chair proposed future attention to be given to facilitating the development and practical implementation of process analytical technologies (PAT) in dairy processing. The idea will be forwarded to the next meeting of the SC on Dairy Science and Technology.

Dairy Farming

Future work may relate to defining best hygienic practices at farm level as continuation of the work of the IDF/FAO Guide to Good Farming Practices.

Next meeting

On 9 November 2008, prior to the forthcoming IDF World Dairy Summit in Mexico City.

Contact: [Joerg Seifert](#), IDF Technical Director

Nutrition and Health

Meeting of the Standing Committee on Nutrition and Health, Paris, France, 26 May 2008

Elections of Chair and Deputy Chair

SCNH members elected Judith Bryans (UK) as SCNH Chair and Victoria Landells (AU) as Deputy Chair.

Joint Action Team on Probiotics and Action Team on Inventory of micro-organisms for use in dairy and food products

SCNH members reviewed and agreed to the proposal to consolidate the current structure by merging the two activities into one working body (proposal was already agreed by JAT Probiotics and MSSG). The IDF Head Office will prepare a proposal for a new title of the working body, as also objectives, for discussion at the next meeting of the new working body.

Cancer – preparation of expert reviews and communication plans

SCNH was informed that the World Cancer Research Fund (WCRF) will issue a policy report in November 2008 which will focus on weight and cancer. It will be discussed at the next SCNH meeting.

Coordination of Codex nutrition matters

- Codex definition on advertising

IDF comments on the Codex definition on advertising requesting clarification on the intent of 'commercial communication to the public' were submitted to CCFL. Following the request from Codex member delegations, the clarification that was initially proposed by IDF was included in the official Codex AL-INORM report.

- Codex implementation of WHO Global strategy on diet, physical activity and health and its implications for IDF

Three electronic working groups (EWG) and a physical working group will be set up to address the CCFL plan on implementation of the WHO Global Strategy on Diet, Physical Activity and Health. IDF will ensure expert participation (nutrition and regulatory experts) in all electronic working groups and the physical working groups, which will be held prior to the forthcoming CCNFSDU meeting and the next CCFL meeting.

- Codex Committee on Nutrition and Food for Special Dietary Uses (CCNFSDU)

Participation of nutrition and regulatory experts should be ensured at forthcoming CCFL and CCNFSDU meetings in particular with regard to the discussions on definition of dietary fibre, CCNFSDU work on Risk Analysis for nutrients, and CCNFSDU work on scientific basis of health claims. IDF comments have been submitted for all three discussion items. The IDF comments on CCNFSDU work on Risk Analysis for nutrients will be updated before the next CCNFSDU meeting. In addition, IDF has submitted new comments to the Codex revised proposed draft recommendations on the scientific basis of health claims.

FAO/WHO Fats and Oils Review

The Joint FAO/WHO Expert Consultation on Fats and Fatty Acids in Human Nutrition will be held from 10-14 November 2008 in Geneva (CH). The forthcoming publication 'WHO Scientific update on trans-fatty acids' – to be published in EJCN – is delayed for several months. The IDF 'Review of scientific literature pertaining to naturally occurring dairy trans fatty acids' will be updated with recent research.

IDF World Dairy Summit 2008, Mexico City (MX) and WDS 2009, Berlin (DE)

The programme of the IDF WDS Mexico 2008 conference related to nutrition and health has been finalized. A new Action Team was established to develop the nutrition conference programme of the IDF WDS Berlin 2009.

IDF fund for the support of peer-reviewed publication of nutrition related articles

SCNH agreed to supply the IDF Nutrition Fund with more money to cover the cost for the two peer-reviewed publications resulting from the scientific meeting on “Dairy Fats and CHD” in Reading (UK) and to supply the fund with some reserve for other projects.

Proposals for new work items

Proposals for the new work items were discussed and will be considered further at the next meeting. New Work Item proposals will be submitted to the IDF National Committees for approval as soon as ready. The following subjects were suggested:

- Impact of dairy on weight management including work on protein and IGF-1.
- Carbohydrates, including specific scientific issues on lactose, and the difference between lactose and other sugars.

Place and date of next meeting

The next meeting will be held on 9 and 10 November prior to the IDF World Dairy Summit 2008 in Mexico City.

Contact: [Sandra Tuijelaars](#), IDF Nutrition Officer

Scientific update on Dairy Fats and CHD, Reading (UK), 25 June 2008

The University of Reading recently hosted a prestigious one-day international workshop examining the relationship between consumption of dairy fats and coronary heart disease (CHD). The outcome of this meeting, facilitated by IDF and with sponsorship of GDP, will be published in the *European Journal of Nutrition* (expected publication date: October 2008). Full proceedings will be published as a supplement to the *Journal of the American College of Nutrition* (expected publication date: December 2008).

Fifty-four experts from twelve different countries participated, including experts working in the field of fats and CHD, representatives from the UK Food Standards Agency, academic researchers, and nutrition scientists.

The purpose of the workshop was to highlight the complexity of dairy fat and CHD and to challenge existing assumptions. Top-level scientists updated the audience on the latest scientific knowledge covering a wide range of areas. The day was concluded with a very active, critical and high-level panel discussion.

Within the complexity of the subject of dairy fat and CHD, experts agreed that there is inconsistent evidence linking dairy foods to CHD. In addition, there are components in milk, which almost certainly provide some protection from CHD.



Speakers and chairs.

From left to right: Prof. R. Gibson, Dr J. Steijns, Prof. B. German, Prof. R. Krauss, Prof. I. Givens, Prof. P. Nestel, Prof. B. Lamarche.

Further research is required to better understand these effects.

A brief summary report of the meeting including its programme is available on the IDF Intranet. See: <http://intranet.fil-idf.org/Common/GetFile.asp?docid=10309&mfd=off>

Contact: [Sandra Tuijelaars](#), IDF Nutrition Officer

Marketing

Meeting of the IDF Standing Committee on Marketing (SCM), Sydney, Australia, 6 June 2008.

The SCM dealt with several agenda items that involved liaison with IDF bodies. In response to a request from the Science and Programme Coordination Committee (SPCC) the meeting conducted a review of its current objectives and consideration of options, determined to maintain its current name, as well as elaboration of new objectives to specify the role of communications as part of the broader marketing function. Future priority areas of work will comprise marketing and promotions, issues and crisis management, and communication of health claims and health benefits of dairy products.

The subject of 'issues and crisis management', which was the topic of a three-day conference in Sydney, preceding the SCM meeting, was discussed. A paper on the subject will be updated and forwarded to IDF for distribution through its communications network in due course.

The 2008 IDF Marketing Awards call for entries will be disseminated in due course. The awards are a mean of recognizing marketing achievements by dairy companies around the world. It was agreed to expand the awards to include a category relating to the environment.

The planning for the marketing conference programmes of the IDF World Dairy Summits in Mexico City in November 2008 and in Berlin (DE) in September 2009 is proceeding according to plan.



The meeting elected Ian MacDonald (CA) as Deputy Chair of SCM.

At the International Milk Promotion (IMP) meeting, which followed the SCM meeting, the "Yves Boutonnat IMP Trophy" entries from 9 countries were judged. The finalists were campaigns from France, Northern Ireland and Norway. The winner will be announced at the IDF World Dairy Summit in Mexico City in November 2008. Craig Plym-esser (US) was elected new President of the IMP Group following the completion of Dr Stephan Mikinovic's (AT) term. Ida Berg Hauge (NO) was elected Vice President.

Contact: [George Davey](#), Chair of the Standing Committee on Marketing

Relations with International Organizations

ILSI Europe workshop 'Guidance for assessing the probiotic beneficial effects' organised in association with IDF, Montreux (CH), 22-24 May 2008

This workshop was the result of the successful new collaboration between IDF and the European branch of the International Life Sciences Institute (ILSI Europe). The overall aim of the workshop was to review a draft 'good practice' document that evaluated the effects of probiotics in different health areas with the aim of defining guidance to demonstrate functionality of probiotics and to scope future research and next generation studies.

IDF provided excellent expertise to the workshop in the form of a published new Bulletin on 'Physiological and functional properties of probiotics'. In addition, intermediate results of the IDF/ISO JAT on Probiotics ongoing work items, i.e. on strain identification methods and on method to determine antibiotic susceptibility of probiotic bacteria and transferability of the antibiotic resistance, were presented in a specific session at the start of the workshop.

During the full workshop and also in the conclusions of the workshop the excellent expertise of IDF was highlighted several times and the collaboration was considered as very beneficial for both organizations. The workshop concluded that IDF/ISO and ILSI should continue to successfully collaborate and complement each other's activities.

Based on the output of the workshop, ILSI Europe will finalize its expert paper, which will be submitted to a peer-reviewed journal. IDF members will be alerted as soon as the paper is available.

Contact: [Sandra Tuijelaars](#), IDF Nutrition Officer

76th General Session of the International Committee of the World Organisation for Animal Health (OIE), Paris, France, 25 – 30 May 2008

Approximately 600 participants representing the 172 OIE Member Countries and Territories, intergovernmental/international (IDF, FAO, WHO, World Bank, WTO etc.), regional and national organisations took part in the 76th Annual General Session of the OIE from 25 to 30 May 2008.

Additions to the Terrestrial and Aquatic Animal Health Codes

The meeting adopted a new definition of animal welfare, which is focused on the state of the animal. (The animal itself should be assessed for welfare, not the management. Its physiology, behaviour and health status will be scientifically assessed to determine whether it is in a state of welfare or not). The new definition also includes references to humane slaughter and veterinary treatment.

Implication of private standards in international trade of animals and animal products

Private standards have been under discussion in the SPS Committee since June 2005. The discussion has focused on issues in regard to market access, development and WTO law. It was noted that standards set by the private sector can help suppliers to improve the quality of their products in order to gain access to high-quality markets. On the other hand, these standards can be more restrictive and more prescriptive than official import requirements, thus acting as barriers to trade.

Official OIE sanitary status recognition of members

The meeting approved the 2008 list of countries or zones that had applied for an official OIE recognition of their sanitary status concerning one or several of 4 priority diseases: bovine spongiform encephalopathy (BSE), foot and mouth disease (FMD), contagious bovine pleuropneumonia (CBPP) and rinderpest:

- 41 countries as having a “controlled risk” or a “negligible risk” status.
- 5 Members or zones of Members were newly recognized as free of FMD with or without vaccination. The full list is available at http://oie.int/eng/info/en_fmd.htm.
- 13 new national states were granted free status for Rinderpest with the objective of worldwide eradication of the animal disease in the short term.

Food security

The meeting stressed the strong link existing between the fight against hunger around the world and also against animal diseases, particularly in developing countries. Predicted world oil shortages and the development of biofuels, as well as droughts and conflicts in some countries, have resulted in a significant increase in demand and prices for grain, as well as dairy and meat products. Predictions for 2020 indicate that demand for animal protein (meat, milk and eggs) will increase by 50%. However, climate change was seen as a major challenge to both animal health and production.

Contact: [Joerg Seifert](#), IDF Technical Director

Communications

NEW IDF DAIRY NUTRITION WEBSITE - a healthy gateway for nutrition topics

The IDF Dairy Nutrition Website (<http://www.idfdairynutrition.org>) has reached more than 11.000 individual visitors and numbers are still growing since its launch in early January 2008. The website is continuously updated with the latest dairy nutrition information and research. IDF would like to thank the members of the Action Team for their active contributions as well as the IDF member organizations, which provide valuable scientific input, in particular the French Dairy Board (CNIEL) and Dairy Australia. Traffic to the site and content are continuously expanding. In order to keep the site of highest interest for its visitors, IDF invites all of you to provide additional content for the site.

The site, which has a clear menu and simple navigation, is a showcase of nutritional and health properties of dairy products. It displays the latest news on dairy nutrition research via a comprehensive database of scientific references of peer-reviewed articles. In addition, it contains fact sheets, frequently asked questions, a calendar of worldwide nutrition events, a glossary in English and French, as well as the Dairy Nutrition Network, a continuously growing network of key national dairy nutrition organizations around the world.

Contact: [Sandra Tuijelaars](#), IDF Nutrition Officer

IDF Events

6th International Symposium on Sheep and Goats Milk - Science, Technology, Production and Nutrition

Athens (GR), first half of 2011

The general objective of the symposium is to give a renewed vision of knowledge on husbandry and milk production, technology, chemistry, physics, microbiology, nutrition etc, without losing sight of the significance of markets and appropriate policies, as they have evolved since 2007.

The international symposium will:

- Create new means to exchange ideas and strengthen existing links between producing countries, between international organizations and institutions concerned with production, processing and nutritional qualities of sheep and goats milk products.
- Stimulate contact between scientists and technologists, producers and manufacturers of the products, nutritionists and analysts.
- Stimulate improvement in the quality of the raw material and the products and help develop new markets.
- Improve knowledge of the requirements of international markets concerning quality, safety, regulations and economics to help the sectors adjust to these realities.
- Lead to an improved image for the traditional products and to the development of new products and new markets.

Contact: [Joerg Seifert](#), IDF Technical Director

IDF Symposium on Science and Technology of Fermented Milk

7-9 June 2010, Tromsø, Norway

The events website is now available at <http://www.idffer2010.no/>

IDF Symposium on Microstructure of Dairy Products

9-11 June 2010, Tromsø, Norway

The events website is now available at <http://www.idfmic2010.no/>

The draft programme of these two events will be issued by the end of 2008. Save the dates!

Contact: [Joerg Seifert](#), IDF Technical Director

List of upcoming events

- **IDF/INRA First International Symposium on Minerals and Dairy Products**,
1-3 October 2008, Saint-Malo, France
- **IDF World Dairy Summit and Exhibition Mexico 2008**,
9-14 November 2008, Mexico City, Mexico
- **IDF/DIAA Conference on Functional Dairy Foods 2009**,
24-25 February 2009, Melbourne, Australia
- **Fourth IDF Dairy Science and Technology Week**,
20-24 April 2009, Rennes, France
- **IDF/ISO Analytical Week**,
18-22 May 2009, Kislovodsk, Russia
- **IDF World Dairy Summit 2009**,
20-24 September 2009, Berlin, Germany
- **5th IDF International Conference on Mastitis**,
21-24 March 2010, Christchurch, New Zealand
- **IDF/ISO Analytical Week**,
17-21 May 2010*, Canada
- **IDF Symposia on Science and Technology of Fermented Milk**
7-9 June 2010, Tromsø, Norway
- **IDF Symposia on Microstructure of Dairy Products**,
9-11 June 2010, Tromsø, Norway
- **IDF World Dairy Summit 2010**,
4-11 November 2010, Auckland, New Zealand
- **IDF Sixth International Symposium on Sheep and Goats Milk - Science, Technology, Production and Nutrition**,
2011, Athens, Greece

View all IDF Events at:

<http://www.fil-idf.org/EventsCalendar.htm>

* Tentative

IDF Publications

Bulletin of the month

Bulletin of the IDF No. 430/2008 - Hygiene and Food Safety of Dairy products and Food Standards for International Trade

This new publication provides a “snapshot” of current issues on the international food safety agenda of key interest to the dairy sector. It covers Recent Developments in Risk Management, introducing the new approach to quantitative risk management; Practical Food Safety Management, providing examples of developments in food safety management in various geographical regions; Predictive Modelling in Decision Making, providing an update on new tools and models; Emerging Food Safety Issues, addressing specific food safety issues under debate on the international scene.

Pages: 97 - Price: 89,00 Euro - Date: 2008

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The International Dairy Federation is the pre-eminent source of scientific and technical expertise for all stakeholders in the dairy chain. Membership covers 53 countries and is growing; IDF accounts for about 82% of the world's total milk production. IDF aims to identify and disseminate best practice at the international level, in order to guide and harmonise members' work on issues including climate change, nutrition and food hygiene at the national level.

The scientific expertise for the dairy sector worldwide