

« The scientific expertise

for the dairy sector worldwide »

IDF Newsbrief

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In this Issue

- 1 Message from the Director General
- 2 Focus on Internal Communication IDF Intranet
- 2-3 Collaboration with Partners
- 3-5 Programme of Work
- 6 Ongoing consultations with National Committees
- 6-7 Promotion of IDF by National Committees
- 7 IDF Events
- IDF Publications





MESSAGE FROM THE DIRECTOR GENERAL

IDF seizes unique opportunity for organizing its first international event jointly with FAO and WHO

Successful negotiations between the IDF Head Office and senior representatives of the Food and Agriculture Organization of the United Nations (FAO) and the World Health Organization (WHO) have led to the setting-up of an International Symposium on Revolution in Food Safety Management, in Nusa Dua, Bali/Indonesia, 13-15 February 2008. This is going to be the first IDF event conducted jointly with the technical cooperation of FAO and co-sponsored by WHO, two agencies of the United Nations of paramount importance to the development of the agricultural food sector, and in particular to dairying world-wide.



Both organizations have agreed to lend their names and logos to the event, actively assist in the finalization of the programme and promote worldwide participation, in particular of experts from emerging countries. The overall objective is to improve food safety and dairy development worldwide by providing practical guidance for the implementation of new concepts and tools of a risk-based approach in the dairy production chain.

A special word of thanks is due to the Chairman of the Organizing Committee, Prof. F.G. Winarno, President of IDF Indonesia, and to the Chairman of the Scientific Programme Committee, Mr. Claus Heggum, for their great commitment that has played a major role for seizing that historical opportunity for IDF.

Contact:

Christian Robert, IDF Director General.



FOCUS ON INTERNAL COMMUNICATION – IDF INTRANET

A recognized value

A new Intranet interface will be available on 3 August 2007.

IDF experts will access information and IDF documentation (agendas, minutes of meetings, working papers, etc) via a new interface. This will enable users to find relevant information more quickly and personalize the information in an intuitive way.

This new interface was tested and welcomed by a test group comprising IDF experts from different fields to ensure that different needs were met. The testers reported that the new interface was user-friendly and that the new tool to personalize access to the documents would bring added value to their work.

The main advantage for the user is to have the possibility to personalize the Intranet according to his/her areas of interest and work. At each visit, the user will find what he/she wants first by selecting the list of main important folders, major documents (programme of work, etc) giving the user a direct access to the preselected folders/documents. Navigation within the site is thus enhanced.

With regard to the address book, the testing phase concluded that a special effort should be done in order to produce a tutorial.

All IDF Intranet users are invited to send in questions and suggestions for improvement once they will start to use the new IDF Intranet interface. The World Dairy Summit in Dublin will be a good opportunity to ask questions as IT support will be at your disposal at the IDF Secretariat during the entire Summit.

The IDF Head Office staff would like to express its gratitude to the volunteers for giving their time and delivering precious advice for the improvement.

Marylène Tucci, IDF Communication and Public Affairs and Oscar Chavez, IDF Office Manager



COLLABORATION WITH PARTNERS



Renewal of strategic partnership between IDF and DeLaval

The IDF Director General and Technical Director met with senior managers at the head office of company DeLaval in Tumba/Sweden on 11 June 2007.

Christian Robert highlighted the outcome of the recently completed Strategic Review of IDF as well as numerous opportunities for industry involvement in various projects of strategic importance to the development of dairying worldwide. DeLaval Vice Presidents Mr. Benoît Passard and Mr. Ulf Jaern presented the current corporate strategy and company engagements in dairy-related activities supplemented by up-dates on particular items of joint IDF/DeLaval interest by Mr. Ole Lind, Director Research and Innovation.

It was agreed to strengthen the existing co-operation between DeLaval and IDF with the common objective to promote the development of the dairy sector worldwide. Specific future cooperation projects were discussed, including DeLayal support and involvement at first IDF Regional Dairy Farming Conference in Edinburgh/Scotland in July 2008 or with regard to providing technical expertise, assistance and support in the recently initiated IDF/FAO/WHO discussion on launching a joint project on Capacity Building for Implementation of the Codex Code of Hygienic Practice for Milk and Milk Products in order to improve food safety and nutrition in Africa.

Contact:

Christian Robert, IDF Director General.

Tirst SMEs-Large Industry Session on Probiotics and Prebiotics: **The Regulation**

The Chair of the IDF Standing Committee on Standards of Identity, Michael Hickey (IE) represented IDF at the "First SMEs-Large Industry Session on Probiotics and Prebiotics: The Regulation" held in Rome on Monday 25th June 2007. The meeting was organised with the support of the Food and Agriculture Organization of the United Nations (FAO) with the objective of analyzing current scientific knowledge and regulatory developments with regard to probiotics, particularly in the area of the regulation of health claims.

The meeting noted that:

- Probiotics (and Prebiotics) are an important and growing market sector
- More regulation is being imposed at national and regional level
- Regulation and guidelines at international level are to be welcomed
- Claims should be strain specific and based on sound science
- Suitable wording for claims will remain a challenge
- · IDF is already involved and is willing and eager to assist further with technical and scientific input to ongoing regulatory developments.

The next meeting is planned for 2008, likely to be held in a new EU Member State.

The IDF observer's report is available from the IDF Intranet.

Contact:

Michael Hickey, Chair of the IDF Standing Committee on Standards of Identity



PROGRAMME OF WORK



Marketing

The Standing Committee of Marketing met on June 9 in Lucerne, Switzerland with 13 members present.

Items of interest on the agenda included:

- Discussion on the progress of the Ad Hoc committee of SCM and SCNH and a discussion on nutrient profiling. The SCNH/SCM Action Team on Nutrient Profiling will meet on 29 September 2007.
- Review of current members, and discussion on how to attract new members and replacement members for those retiring or leaving the industry
- · Discussions on the progress of the IDF taskforce on Communications with support for the recommendations. An area of concern was the lack of resources to implement the recommendations
- Updates on the Marketing Session for the WDS 2007, the IDF Marketing Awards, and the WDS 2008 in Mexico City
- Report from the IMP meeting; discussion on milk levy systems, 4 case studies on new marketing initiatives, 6 entries in the Yves Boutonnat Trophy contest, discussion on attracting new generic promotion members, and reports on the dairy industry in Switzerland.

The next meeting is scheduled for Sunday, September 30, 9:00 - 13:00 in Dublin.

Contact:

Craig Plymesser, Chair of Standing Committee Marketing

Microbiological Hygiene

Meeting of the Standing Committee on Microbiological Hygiene (SCMH) and related Codex work

The SCMH met in conjunction with meetings of the four working groups of the Codex Committee on Food Hygiene (CCFH) in which IDF is a member. The purpose of the meeting was to decide on IDF input and adjustment of IDF's strategies to the current activities of CCFH.

The four Codex working groups will each prepare a document that will be circulated for comments in August/September 2007 and constitute meeting documents for the forthcoming CCFH session to be held in New Delhi (IN), October 29 - November 2, 2007.

Highlights from the current work on the four work items are as follows:

Code of Hygienic Practice for Powdered Formulae

The meeting of the Codex working group took place in Ottawa in early June 2007. The main issues for IDF were to ensure that the data provided by two risk assessments were respected in the Codex recommendations, in particular that a number of alternatives to 70 °C reconstitution (as recently recommended by the WHO) are appropriate to ensure health protection of infants, and that intensive testing against microbiological criterion for E. sakazakii has very limited effect on the degree of hazard control in a well performing food plant.

Prior to the meeting, the IDF delegation (O. Cerf (FR), J. Shepherd (NZ) and C. Heggum (DK)) prepared a paper visualizing 7 alternative scenarios for the preparation, handling and feeding infant formula, based upon the use of the risk assessment modeling of the effect on hazard levels of the various steps involved.

The paper and presentation were well received by the Codex CCFH WG. However, the working group recommended that the IDF input be placed on the WHO homepage in conjunction with a web-based user-friendly risk calculation tool currently under preparation. The WG agreed to highlight in the Code that several alternative approaches to reconstitution and handling can provide sufficient health protection.

Microbiological Criteria for Listeria monocytogenes in ready-to-eat foods

At the Codex working group meeting in Berlin, mid June, IDF was represented by C. Heggum (DK) and R. Lodi (IT).

The meeting resulted in the following recommended criteria:

- No criteria (testing not useful) for RTE foods in which the probability of detection is very low,
- Max. 100 cfu/q for RTE foods in which growth of L. monocytogenes will not occur
- Less than 0.04 cfu/g (=absent in 5 samples of each 25g) for RTE foods in which growth may occur It is worth noting that the above outcome is the first time that Codex explicitly recognizes that zero tolerance in a sampling plan for a pathogen is not always needed, and also that the criterion of less than 0.04 cfu/g includes a more stringent sampling plan than currently applied in the dairy sector in most countries.

Guidelines for the validation of food safety control measures

The working group met at the end of June, resulting in a considerable improvement of the draft document. IDF was represented by C. Heggum (DK).

The revised guidelines focus on validation through the use of quantitative means (statistics, predictive modeling, challenge studies, etc) in a food business and for the first time, examples on various approaches have been developed.

Guidance on the use of Risk Management Metrics (FSOs, POs, PC, etc)

 The working group meeting was dedicated to the further development of Codex guidance on the use of 6 different metrics used in microbiological risk management

More details on the discussions and conclusions from the meetings of the Codex CCFH Working Groups and the Standing Committee on Microbiological Hygiene can be obtained from the minutes of the SCMH meeting to be available from the IDF Intranet in due course.

Contact:

Claus Heggum, Chair of the Standing Committee on Microbiological Hygiene

Animal Health

Meeting of IDF Standing Committee on Animal Health, Ghent, Belgium, 27 June 2007

The meeting was kindly hosted by the University of Ghent/Belgium. Seventeen experts, amongst them the Head of the OIE Scientific and Technical Department, attended.

Mastitis

IDF 5th International Mastitis Conference in New Zealand in March 2010

The Organizing Committee has been appointed and will meet for the first time in due course. The Programme Committee will comprise local experts from New Zealand and appointed experts from SCAH. Topics proposed for the programme include prevention and integrated control, genomics and resistance to Mastitis, diagnostic tools, bacterial ecology, microbiology, physiology, detection and modeling.

Antimicrobial Resistance in Mastitis Pathogens

The committee has reviewed the comments of IDF National Committees in the context of the most recent adoption of this new work item. It was agreed that there will a very strong liaison and link to the work of the Action Team on Integrated Control of Veterinary Drugs in the Dairy Chain that operates under the IDF Standing Committee on Residues and Chemical Contaminants.

Infectious Diseases

Monitoring of developments with regard to BSE

The meeting reconfirmed the present status / scientific knowledge of there not being scientific evidence for the possibility of transmission of BSE from animals to humans via milk.

Progress in national programmes for surveillance and control of Johne's disease - ParaTB Forum

The meeting congratulated the experts involved with the first Forum held in Shanghai/China in October 2006 with subsequent publication of proceedings by IDF (IDF Bulletin no. 410/2007). The next Paratb Forum will most likely take place in the Americas in 2008.

Impact of Foot and Mouth Disease on the Dairy Sector

The work on a final draft is shortly before completion. The IDF Head Office is collecting additional expert comments for referral to the authors.

Monitoring of infectious diseases

The idea of creation of an IDF "early alert" system for animal diseases of interest to the dairy sector, possibly as part of a larger IDF crisis prevention and management plan, will be considered further in consultation with other IDF Standing Committees dealing with food safety/hygiene issues as well as the new IDF Science and Programme Coordination Committee.

Production diseases

Following retirement of the previous Action Team leader, J Hamann (DE) was approached and he accepted to take the lead. An outline on future work to be undertaken by IDF will be presented to the next meeting. Members of SCAH were called upon to actively engage.

Outcome of the Strategic Review 2006 – prioritization of the IDF Programme of Work / Future Animal Health Strategy

IDF Animal Health Newsletter

In response to the outcome from the IDF Strategic Review 2006 and increasing demands from IDF members for more and better information and communication, the meeting agreed to the idea of creating a regular IDF Animal Health Newsletter to cover on-going animal health issues and research around the world, current IDF work, summary of finished work items etc. It shall replace the previous IDF Mastitis Newsletter. The first edition should be published at the time of the IDF Dublin Summit in September 2007.

Animal diseases of concern to be included in future IDF work

It was reported by OIE that lumpy skin diseases was an issue in several countries, in particular in Southern Africa. Furthermore, Botulism and may be Anthrax may also become future items of work for IDF. The development of a Mastitis prevention guide could be another topic to be considered. New Work Item proposals will be developed as soon as ideas become more concrete.

Proposals for new work, input to planned IDF events and matters referred

New work item proposal on Interpretation of Mastitis Terminology - Revision of IDF Bulletin No. 338/1999 A proposal is forthcoming for PCC evaluation and subsequent voting by IDF National Committees.

UK Dairy Farming Conference July 2008

The meeting agreed to actively support the UK National Committee with regard to the establishment of an interesting programme for dairy farmers within the proposed context of climate change/environmental issues and their impact on dairy farming.

IDF World Dairy Summit Mexico 2008

The meeting agreed that the Chair and Action Team leaders will assist the Mexican Organizing Committee in planning the programme of a conference on animal health. OIE has also confirmed interest in becoming involved.

IDF/OIE working relationship

The meeting noted that IDF was currently involved in two items of OIE expert work which are of critical importance to the dairy sector: joint OIE/FAO Draft Guidelines to Good Farming Practice (re-drafting meeting at the end of July 2007) and OIE Animal Welfare Working Group (next regular meeting in early September 2007).

The OIE representative reported that the planned meeting of FAO/OIE/WHO on Critically Important Antimicrobials was postponed until in November 2007 when the outcome of the first meeting of the new Codex Task Force on Antimicrobial Resistance should be known. IDF will seek an active involvement in the forthcoming work of Codex through experts of various Standing Committees.

Next meetings

The Standing Committee will meet in Brussels on Tuesday, 4 March 2008. The Action Teams on Infectious diseases and Production Diseases could meet in the afternoon of 3 March 2008, subject to consideration and decision by the AT leaders. The AT on Mastitis will meet in New Orleans (US) between 20 and 23 January 2007.

Next following meeting is planned to be held at the time of the IDF World Dairy Summit in Mexico in November 2008.

Contact:

Joerg Seifert, IDF Technical Director.

ONGOING CONSULTATIONS WITH NATIONAL COMMITTEES New work items /Questionnaires under consideration of IDF National Committees

Ref.	Title	Deadline
New Work item		
07/05	Cheese and processed cheese - Determination of nitrogenous fractions	23 July 2007
Questionnaires		
0407/SCQASADS	Public list of dairy laboratories to be hosted from IDF internet homepage	19 September 2007
0507/SCFA SCSID	Data collection for the preparation of an IDF submission to Codex Uses for food additives in dairy products	26 August 2007

Circulars

Circular 07-3 Elections to the Board of Directors and to the Science and Programme Coordination Committee—15 August 2007

New work items recently endorsed by IDF National Committees

07/04 New opportunities and challenges in production and bio-activity of functional dairy foods



PROMOTION OF IDF BY NATIONAL COMMITTEES

OUNITED KINGDOM

The "UK-IDF OPEN DAY" has become the annual highlight for professionals from the dairy farming sector, dairy processing industry, dairy industry suppliers, academia and nutritionists seeking latest information and active debate on current and future issues facing the UK industry as well as IDF as the international platform and representation of the global dairy sector. This year the event, organized by the IDF National Committee of the UK, was held as the University of Reading Centre for Dairy Research on 14 June 2007.

Mr. David Homer, Chairman of IDF UK, chaired the event that was opened by a keynote speech on "Global dairy markets" delivered by the IDF President, Mr. Jim Begg, and followed by an overview on the positive aspects of milk in the diet provided by Professor Ian Givens, Director of the Centre for Dairy Research, and the current role and work of the IDF Standing Committee on Nutrition and Health by Dr Judith Bryans, Director of the UK Dairy Council.

Environmental impact of dairying has been identified as a particular issue of current and future concern to the dairy sector in many countries. Dr Les Crompton from the School of Agriculture, Policy and Development of the University of Reading emphasized the relevance and impact of methane emissions on climate change while Mr Brian Lindsay, Milk Development Council, reflected on the benefits that can be earned from active participation in the work of the IDF Standing Committee on Environment. Latest innovations in membrane processing in the dairy industry were presented by Dr Alistair Grandison, School of Food Biosciences of the University of Reading. The conference session was concluded with a presentation of the IDF Technical Director on IDF collaboration with International Organisations and identified current key issues from the IDF Programme of Work. At the end of the day, participants were invited to visit a pilot milk processing plant and the famous Centre for Dairy Research of Reading University.

The UK National Committee is looking forward to welcome participants from all over the world to participate at the first IDF Regional Dairy Farming Conference to be held in Edinburgh/Scotland in July 2008. Programme topics will include climate change and its impact on animal health and dairy farming, specific environmental issues and globalisation of the customer base, milk production and farm management.

FRANCE

The French National Committee organized its traditional annual "JOURNÉE FIL FRANCE – ALF" (day of the IDF National Committee of France) at the "Maison du Lait" (house of milk) in Paris on 26 June 2007. This year's event was put under the header of "IDF – meeting point for exchange and scientific expertise for the global dairy sector".

The meeting was opened by the new Director General of the National Interprofessional Center of the Dairy Sector in France, Mr. Benoît Mangenot, and chaired by Mr. François Le Blanc, President of the IDF National Committee of France. Latest findings from scientific research and ongoing IDF work in different areas were presented by French scientists and experts in a series of presentations covering environment and emissions (Sophie Bertrand), Mycobacterium paratuberculosis (Elisabeth Vindel), Innovative technologies and in particular membrane processing (Geneviève Gesan-Guiziou). Presentation on IDF and in particular its current and future work with international organizations (Joerg Seifert), the future of IDF (Rusty Bishop, PCC Chair), and expectations for the future development of IDF from the perspective of IDF National Committees (Ines Coldewey, Germany and François Le Blanc, France) triggered a number of fruitful discussions.

Yvette Soustre underlined the particular importance of IDF's current and future work in the field of nutrition and health for retaining and enhancing the role and recognition of milk and milk products as wholesome, healthy and nutritious food choices for consumers all over the world. Her presentation was seconded by expert interventions on selected dairy nutrition subjects, including milk proteins (André Ayerbe), role of dairy fats in nutrition and health (Philippe Legrand), fermented milks (Jean Louis Bresson) and reflection on current and future direction of research in dairy nutrition (Xavier Leverve).

The "JOURNÉE FIL FRANCE – ALF" was attended by about hundred participants representing all key stakeholders in dairying including a large number of people from industry, academia and government.

The IDF Head Office would like to thank the IDF National Committees of the United Kingdom and of France for holding important annual events promoting the relevance and importance of IDF and its work to their national stakeholders. We would like to encourage other IDF National Committees to consider taking similar initiatives for which the IDF Head Office would be pleased to provide its active assistance and support. We would like to call on IDF National Committees to share their experiences and advice with others.

Contact:

Joerg Seifert, IDF Technical Director



Upcoming events

- IDF World Dairy Summit, 29 September 4 October 2007, Dublin, Ireland
- INTER-ICE 2007 / Third IDF International Symposium on Ice Cream, 4-6 December 2007, Cologne, Germany
- IDF/FAO/WHO Symposium on Revolution in Food Safety Management, 13-15 February 2008, Bali, Indonesia
- IDF Symposium on Cheese Ripening, 9-13 March 2008, Berne, Switzerland
- Third IDF Dairy Science and Technology Week, 12-16 May 2008, Quebec, Canada
- IDF/ISO Analytical Week, 19-24 May 2008, Montreux, Switzerland
- IDF Dairy Farm Conference, July 2008, Edinburgh, United Kingdom
- IDF/INRA First International Symposium on Minerals and Dairy Products, 1-3 October 2008, Saint-Malo, France
- IDF World Dairy Summit, 9-15 November 2008, Mexico City, Mexico
- 5th IDF International Conference on Mastitis, March 2010, Christchurch, New Zealand



View all IDF Events at http://www.fil-idf.org



OBulletins of the month

Bulletin No. 415/2007 - Asian Indigenous Dairy Products.

This issue of the Bulletin presents indigenous dairy products of India, China, Iran and Indonesia, eaten by millions of consumers in Asia. They are produced using original technologies and have unique taste, smell and texture. They are also rich sources of nutrients.

The demand for those products is continually growing, so indigenous dairy products are a great opportunity for the modern dairy sector in India and other Asian countries to scale up their production and improve product quality.

The objective of the publication is to stimulate interest in those products among dairy scientists, world dairy industry and consumers worldwide.

Bulletin No. 416/2007 - Animal health: management and control of infectious and production diseases.

A new research bulletin that reveals current scientific thinking on how to improve the welfare of dairy cattle by investigating the causes of production diseases and working out prevention and control strategies. A first series of papers cover different aspects of mastitis: cost to farmers and impact on milk quality and safety, diagnosis, risk factors at farm level, hygiene, control, therapy, prevention. A second series cover claw diseases (lameness) and bovine tuberculosis (control and surveillance, management of wildlife reservoirs, diagnosis, vaccines).

→ Joint IDF/ISO standards

Standard ISO 11815 | IDF 157:2007 - Milk - Determination of total milk-clotting activity of bovine rennets

This standard describes a method for the determination of the total milk-clotting activity of bovine rennet containing only chymosin and bovine pepsin as the active coagulating enzymes on a standard milk substrate at pH 6,5.

To produce accurate results with this method, check test samples of unknown origin for the absence of main milk-clotting enzymes of non-bovine origin by using an appropriate method.

This standard can also be applied to determine the total milk-clotting activity of fermentation-produced chymosin.

Pages: 11 - Price: 47,69 Euro

This standard is only available in English

Contact:

Oscar Chavez, IDF Office Manager

The IDF Newsbrief brings you the latest developments in the Federation. We want to hear from you. Send in your questions and comments.

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