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Message from the Director General

Combining scientific expertise and technology to tackle carbon footprint



IDF's reputation and position as a world leader in the dairy sector has again been strengthened by the success of the recent IDF workshop in Brussels, 'Towards a methodology for carbon footprint in the dairy sector.'

IDF remains proud of its close relationship with the Food and Agricultural Organisation (FAO) who were in attendance, alongside the Sustainable Agriculture Initiative (SAI) Platform and 40 top experts

from the dairy industry and academia.

In line with IDF's standards of excellence and innovation, a momentous step in technological advancement was taken by broadcasting the meeting live over the Internet. The venture proved highly successful, with as many as 113 entries from various members and experts being registered.

We are extremely pleased with the workshop outcome (see full report on p. 4) and are keen to build on this positive experience. We will continue to work towards enhancing the use of modern technology in order to increase the efficiency and impact of our activities, consequently improving our services for the benefit of the dairy community worldwide.

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

Success Stories

IDF forms alliances across livestock sectors to face common challenges

IDF participated, for the first time, in the annual congress of the International Wool Textile Organisation (IWTO) in Frankfurt/M (Germany) on 16 and 17 June 2009. Similar to IDF, IWTO membership is composed of National Committees representing various stakeholders in the wool manufacturing chain including sheep farmers, many of which are owners of the 1 billion sheep currently inhabiting the planet.

The IDF Technical Director's presentation 'From Milk to Wool - Similar Challenges, a Common Approach?' highlighted current and future issues of interest to the dairy sector with actual and/or potential impact on the wool sheep livestock sector.

IWTO members showed real interest in learning about the successful IDF approaches targeted at positioning the dairy sector with regard to animal welfare and environmental sustainability and their established partnerships with other international organizations including FAO, OIE and UNEP as well as IDF interaction with other private sector NGOs. IDF activities, with regard to fostering product innovation and expansion of markets for sheep and goats milk products, including the forthcoming IDF Symposium on the subject in Athens/GR in May 2011, were noted with particular interest.

IWTO has applied to become a partner of the recently created FAO Internet portal "Gateway to Farm Animal Welfare" (see article in this issue) and will also play an active role vis-à-vis the OIE standard-setting process for animal welfare. The wool sheep sector has an interest in establishing and retaining liaisons with IDF on the matter of common interest and concern.

The IDF presentation to the IWTO Congress is available from the IDF Intranet, folder: *Communications and Public Affairs / Presentations / 2009 Presentations*

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



Meeting Mr. Henrik Kuffner, Director General of the IWTO

Promotion of IDF

Vietnam

The IDF Director General was invited to Vietnam by a local dairy initiative with the support of the Ministry of Agriculture and Rural Development. Christian Robert met with Vietnamese authorities in Hanoi and the major dairy manufacturers in Saigon to discuss potential development within the dairy sector at both national and international level, and to promote collaboration with IDF.



The Director General had the opportunity to lead a work session with representatives of all stakeholders groups including the authorities, which will define the next steps towards a future collaboration.

Paraguay and Brazil



The Director General of IDF meeting Dr. Armin Hamann Bugs, Vice Minister of Livestock Management in Paraguay

Within the framework of his visit to Asunción, Paraguay, last May to present an outline of the global dairy agenda for action at the FAO symposium on “Mitigation of greenhouse gas emissions from animal production, a policy agenda”, the Director General also visited Brazil and met with local dairy manufacturers to assist in setting up the new National Committee of Brazil. Christian Robert had the occasion to meet in Sao Paulo three media representatives from the dairy sector and contributed to the promotion of IDF activities.

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

Journée FIL-France, Paris (FR), 23 June 2009

The 2009 ‘Journée FIL-France-ALF’ was organised for members and invited participants from government, industry and other IDF colleagues. Benoit Mangenot, Director General of the CNIEL opened the day, which focused on the dairy sector and the new concerns it is facing.

French and international speakers presented their latest insights with regard to the ‘new’ and different types of consumers and the current initiatives in place. The second part of the morning was dedicated to actions of anti-milk activists and possible means to address these rumours and pseudo science that are reaching the media, health professionals and consumers in France and in North America.

The afternoon session highlighted IDFs rapid actions in the ‘melamine case’ to guarantee and control the integrity of milk. Richard Doyle, IDF president, concluded the day by summarizing IDFs role in the promotion of the positive image of milk and dairy products.

Thierry Geslain has been introduced as the new French IDF National Secretary, taking over from Dominique Burel who retired from the position. She was thanked for her excellent work and dedication to the dairy sector over the many years.

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

IDF Programme of Work

Environment

IDF workshop underlines IDF's leading role on standardizing methodology for carbon footprint in the dairy sector

The IDF workshop "Towards a Standard Methodology for Carbon Footprint in the Dairy Sector" was held in Brussels on 18 and 19 June 2009.

The workshop attracted 40 leading experts from the dairy industry and academia including specialists from the Food and Agriculture Organization of the United Nations (FAO) and the Sustainable Agriculture Initiative (SAI) Platform. They came together with the common aim to determine the pathway towards standardization of various existing carbon footprint methodologies by the end of the year 2009.

The workshop was broadcast via live stream across the Internet where 113 entries from IDF members and experts were registered, demonstrating the great interest and topical importance of the subject world-wide.

During the workshop, 11 experts from various parts of the world presented their work on carbon footprint methodology and there was ample opportunity for discussion and debate. A follow-up meeting of the recently formed IDF Action Team on Life Cycle Analysis and Carbon Footprint in the Dairy Sector concluded that there is now broad agreement on the key issues for the establishment of a standard methodology. Such matters included assessment of the goal and scope of the methodology, the level of details, the functional unit, the key parameters and the calculations rules and uncertainties. The group also identified the remaining work on the few outstanding issues.

Three specific groups were created to undertake additional research regarding carbon footprint, addressing buildings and equipment, carbon sequestration and land use change, and allocation choices. Each sub-group will present its findings at the next IDF action team meeting that will take place on 23 September 2009 during the IDF World Dairy Summit in Berlin, Germany: <http://www.wds2009.com>

In addition, an IDF Bulletin comprising of the agreed standard methodology will be published by the end of the year 2009.

The programme and presentations of the IDF workshop are available on the IDF Intranet folder: *IDF Bodies / IDF Standing Committees / Environment / Workshop on Life Cycle Analysis and Carbon Footprint*

For more information, please contact:

[Sophie Bertrand](#), IDF LCA Action team leader

[Joerg Seifert](#), IDF Technical Director

Update on key projects

Meeting of the IDF Science and Programme Coordination Committee (SPCC), Paris, 29 May 2009

Animal Feeding: IDF National Committees will be requested via Circular Letter to nominate experts on animal feeding (cattle as well as small ruminants) to a new IDF working body. The group will consider changing animal diets with the aim to reduce carbon footprint on animal health and animal welfare of milking animals and milk composition/availability of certain nutrients in milk through animal feed according to human nutrition. They will also be addressing the up-coming work of Codex on animal feeding (food safety aspects of feed management).

Animal Health: IDF SCAH will be asked to consider proposing new work items on bovine-TB (new strategies for classification and control), bluetongue (prevention of exposure to vectors of transmission) and identification of technical, practical and commercial issues related to compartmentalization (including trade in semen & embryos).

Animal Welfare: The new Action Team on Animal Welfare should be comprised of members of SCFM and SCAH and run as a joint activity of both SCs. It will be integrated into the structure of SCAH.

Dairy Farming: Based on the expected outcome of the IDF Questionnaire on "SAI principles and practices for sustainable dairy farming" the IDF Head Office will issue a New Work Item proposal on revision of the existing IDF/FAO Guide to Good Dairy Farming Practice.

Food Standards: IDF will actively engage in up-coming Codex work on alignment of the CCMMP milk certificate with the CCFICS generic model certificate.

Methods of Analysis and Sampling: A MSSG proposal for a restructuring of the working area was generally endorsed. The proposed names and draft terms of references of the proposed 6 Standing Committees need further consideration and will be subject to future SPCC endorsement.

Communication Plan on Environmental Sustainability: The meeting requested identified SCENV experts to contribute actively to the preparation of identified IDF fact sheets. It is recommended that a reference document is prepared, outlining the benefits versus the environmental costs in order to provide an overview for subsequent targeted communication activities. It should collaborate with the several IDF SCs involved.

IDF communication strategy and activities: Several suggestions were made on how to improve IDF internal and external communication. SPCC members will provide input to the preparation of a revised IDF leaflet/brochure on IDF achievements.

The possible adaptation of SPCC structure in light of the latest IDF GA decision to have all IDF priority areas represented at SPCC has been discussed. Job descriptions for all SPCC positions were reviewed and endorsed with minor amendments.

The next physical SPCC meeting will be held in Berlin (DE) on 17 September 2009

The SPCC meeting minutes are available from the IDF Intranet for IDF member consultation, folder: *Government of IDF / Science and Programme Coordination Committee / 2009 SPCC / SPCC Meeting 29 May 2009 Paris FR*

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

Nutrition and Health

Meeting of the Standing Committee on Nutrition and Health, Amsterdam (NL), 25 May 2009

IDF Nutrition Fund

The IDF Nutrition Fund aids the publication of peer-reviewed articles in order to raise the profile of dairy nutrition issues in credible and independent scientific journals. It has also been recognized that more academic expert involvement is needed to be able to perform the work of the SCNH and its Action Teams. In addition, SCNH suggested that new Work Item proposals should include an estimation of the required budget and time resources.

Nutrimarketing

The AT on Nutrimarketing developed a draft communication plan on nutrient density/richness. To avoid duplication of resources and to optimise the collaboration on this subject, a joint meeting on nutrient density will be organized during the World Dairy Summit in Berlin. It will include other international organizations working on nutrient density communication such as the European Dairy Marketing Forum (EDMF), EDA, GDP, and the Utrecht Group.

New work item on Carbohydrates

The new work item 'Carbohydrates with a specific focus on lactose' has been endorsed by the IDF National Committees and will be carried out by the joint SCNH/SCDST Action Team on Carbohydrates. The project aims to provide scientific input on dairy carbohydrates including specific scientific issues on lactose, and the difference between lactose and other sugars, in the form of a peer-reviewed publication.

FAO/WHO Fats and Oils Review

The Action Team on Fats and Oils proposed to initiate work on the role of diet and serum cholesterol and saturated fats. A new work item proposal will be prepared. In addition, the AT will continue collaboration with the organizers of the successfully held AOCS Hot topics session on 'Saturated fats and health: Facts and feelings'. They intend to organize a yearly scientific session on the latest science on saturated fats.

IDF Dairy Nutrition Website <http://www.idfdairynutrition.org>

The SC on Marketing has been asked to analyse the website, make suggestions for promotion of the website and implement these suggestions in order to boost the number of visitors.

Dairy Nutrition and environmental sustainability

The draft SPCC Communication Plan on Environmental sustainability includes development of a monograph on 'Weighing social nutritional economic benefits etc of dairying with the environmental costs (climate change)'. An SCNH AT developed a draft interim statement on the role of dairy nutrition in the context of environmental sustainability that could be used for this purpose and further worked on at the WDS in Berlin.

Revised list of SCNH priorities:

- Dairy fats
- Hormones and cancer
- Coordination of Codex Nutrition Matters
- Communications Plan – Nutrient Richness / Nutrient Density
- Dairy Nutrition and environmental sustainability
- Carbohydrates with a focus on lactose

The next meeting will take place in Berlin (DE) on 19 and 20 September 2009.

Contact: [Sandra Tuijtelars](mailto:Sandra.Tuijtelars@idf.ch), IDF Nutrition Officer

Methods Standards Steering Group

IDF/ISO Analytical Week, 17-22 May 2009, Sochi, Russia

70 international participants from 30 countries joined the IDF/ISO Analytical Week in Sochi, Russia, from 17 to 22 May 2009. It was organized by the IDF National Committee of Russia and the North Caucasus State Technical University under the successful coordination of the chief organizer, Dr Ludmila Alieva.

The week composed of an opening session, the IDF/ISO symposium, business meetings of IDF/ISO Joint Action teams and Standing Committees, and a workshop on collaborative studies.

The IDF/ISO symposium tackled the tools to preserve the integrity of the milk supply chain and the work of the Task Force on monitoring the integrity of supplier's milk was introduced. Measures and tools to ensure the non-adulteration of milk available in Europe, New Zealand or Russia from the farm to processing level were presented.

In parallel, 65 Russian participants convened for a Russian seminar on Food safety and quality of milk and milk products. This interaction was fruitful for the sponsors, exhibitors, and all the participants.



Participants to the IDF/ISO Analytical Week 2009 in front of the Presidential Congress Hall of Rus Hotel

The next IDF/ISO Analytical Week will be held in Montreal, Canada from 17 to 21 May 2010.

Abstracts and PowerPoint presentations for the opening session, symposium, and workshop on collaborative studies are available on the IDF Intranet at: <http://docshare.fil-idf.org/Contents/Contents.asp?ID=2357&PortalSource=0>

Contact: [Aurélie Dubois](#), IDF Standards Officer

Liaison with International Organizations

32nd Session of the Codex Alimentarius Commission Meeting 2009

FAO Headquarters, Rome, Italy from 29th June to 4th July 2009

There were 463 delegates in attendance, with IDF being represented by Christian Robert, Joerg Seifert, Claus Heggum and Michael Hickey.

Main interest points for the dairy sector included:

Provisions on Dietary Fibre:

The provisions on dietary fibre in the Guidelines for the Use of Nutrition and Health Claims were adopted without comment from members. There was a lack of support for the known IDF position in favour of changing the contents of the relevant footnote on the degree of polymerization. Alongside an earlier ruling from the Chair of the Commission that these matters of concern had been the subject of full discussion at the relevant subsidiary Committees and should not be subject to further debate at this Commission, the IDF delegation refrained from challenging the unanimous adoption by the Codex members present.

The proposed Draft Generic Model Official Certificate

This was adopted and CAC endorsed the CCIFCS recommendation to request that the CCMMP considers revising the *Model Export Certificate for Milk and Milk Products* (CAC/GL 67-2008) to ensure consistency with the Generic Model Certificate.

Future work on animal feeding:

It was decided to establish a new eWG, hosted by Denmark and co-chaired by the US. The specific tasks of this new group were specified and all interested Codex Members and Observers shall be invited to join. Their report is to be finalized by end January 2010 and circulated for comments through a Codex Circular Letter.

Statement on “voluntary application” contained in Codex standards, including standards for milk and milk products:

A statement on “voluntary application” is contained in the Annexes to a number of Codex standards. The CAC accepted the proposal of the Codex Executive Committee (CCEXEC) that the appropriateness of such a statement should be considered on a case-by-case basis by the relevant subsidiary body, e.g. CCMMP as regards standards for milk and milk products.

The use of the lactoperoxidase system (LPS) for milk and milk products in international trade:

There were strong interventions from several developing countries in favour of the removal of the current restriction on the use of the LPS for milk in international trade, while others were against allowing its use. Following some discussion the CAC agreed to lift the current restriction on the use of the LPS and also to amend footnote 9 as proposed at the 2008 Session of the Commission.

CCFL – General Standard for the Labelling of Pre-packaged Foods - revision of the Class Names and International Numbering System for Food Additives:

The CCEXEC recommended that the list contained in the GSLPF should be aligned with the list in CAC/GL 36-1989 but the matter of understandability of the class names be referred back to the CCFL. The IDF delegation intervened by pointing out that CCFL had not yet addressed the CCFA 2006 request to clarify labelling requirements for the carriers and packaging of gases. The Codex Secretariat confirmed the correctness of the IDF intervention and proposed this issue be referred back to CCFL for further consideration to ensure speedy and appropriate alignment.



*IDF delegates at the Codex Alimentarius Commission Meeting
29th June to 4th July 2009*

Amendments to the section on contaminants of certain commodity standards:

CCEXEC had noted that many Codex standards include provisions for contaminants by generally referring to the maximum levels as in the GSCTF or as adopted by the CAC. It was proposed that for consistency, the provisions for contaminants in all Codex standards be replaced with the standardized provisions set out in the Procedural Manual. The meeting agreed to proceed with caution on a case-by-case basis and refer the arising issues to the respective commodity committee, including CCMMP in the case of milk product standards.

The 33rd Session of the CAC is scheduled for Geneva, Switzerland from 5th to 9th July 2010, subject to further confirmation.

Further details on these and other matters shall be contained in the IDF Observers' report available shortly on the IDF Intranet.

Contact: [Michael Hickey](#), Chair of FSSG

37th Session of the Codex Committee on Food Labeling (CCFL), Calgary, Canada, 4-8 May 2009

IDF was represented by Cary Frye (US), Isabelle Neiderer (CA) and Sandra Tuijelaars (IDF HO).

Definition of Fibre – matters referred from CCFNDSU

IDF made an intervention and produced a conference room document including bibliographic references and science based argumentation in favor of not excluding indigestible disaccharides from the current Codex definition and proposing to change the second footnote of the definition. This IDF position was also submitted to the CAC in view of the 32nd Session of the Codex Alimentarius Commission (CAC).

Revision of the Codex Class Names and International Numbering System – matters referred from CCFA

CCFL considered that the CAC previously adopted revised list of codex class names is not aligned with the GSLPF. IDF considered that the proposed changes are substantive as the alignment of CCFA and CCFL, in particular the inclusion of carriers as a functional class, results in carriers of food additives to be listed in ingredients lists. The item was discussed further at the CAC meeting.

Implementation of the WHO Global Strategy on Diet, Physical Activity and health

List of nutrients that are always declared on a voluntary or mandatory basis

CCFL agreed to retain the current declaration of energy value, protein, available carbohydrates and fat, while also adding saturated fat and total sugars to the list of nutrients. They could not yet decide on the inclusion of trans-fatty acids, sodium or salt, added sugars, or dietary fibre, which will be discussed at the next CCFL session. An electronic working group will be established to consider issues associated with the declaration of sodium/salt on nutrition labeling. IDF will continue its participation in this important work.

Legibility of nutrition labels

IDF will participate in the new eWG to further develop the proposed draft recommended principles and criteria for the legibility of nutrition labels.

Labelling provisions dealing with the food ingredients identified in the Global Strategy on Diet, Physical Activity and Health

The eWG had not finalized its discussion paper at the time of the meeting. IDF will participate in the new electronic Working Group that will continue the work on this issue.

Discussion Paper on Modified Standard Common Names

The action plan for implementation of the WHO Global strategy proposed a modification to the GSLPF. The desired outcome was to change the current view that commodity standards are inadvertently viewed as an obstruction for manufacturers who attempt to formulate 'healthier versions' of food products.

Based on successful input from IDF, the latest discussion paper exempts dairy products standardized by Codex from this proposed new work. CCFL could not agree whether they should provide horizontal guidance on the use of modified standardized common names. They will invite the Codex Commodity Committees and FAO/WHO Coordinating Committees to provide advice on relevance and implications of their work on horizontal guidance. They will also be asked to submit related texts from the CCFL on modified standardized common names for the purpose of nutrition claims. The next CCFL Session will discuss the terms of reference of the electronic working group that will be set up to further develop the discussion paper. IDF will monitor and, if needed, provide further input on this work.

The next meeting will take place in Quebec City, 3-7 May 2010.

For more information, please consult the IDF Observers report, available from the IDF Intranet.

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

Meeting of ISO/TC 34/SC 9 – Microbiology of food and animal feeding stuffs and CEN/TC 275/WG 6 – Microbial contamination

Valencia (ES), 4-8 May 2009

The annual meeting of ISO/TC 34/SC 9, subcommittee on Microbiology of the ISO Technical Committee on Food products, took place in Valencia, Spain, from 4 to 6 May 2009, in conjunction with the CEN/TC 275/WG 6 Microbial contamination from 7 to 8 May.

Under the Vienna agreement, the two committees share a number of items, in order to avoid duplication of work, under the responsibility of one or the other.

Most of the items discussed at these meetings were of interest to IDF, and in particular to the former JAT on Microbiological Harmonization who is responsible for following the work done by the ISO subcommittee and delivering the view of the dairy sector regarding the horizontal standardization of dairy methods.

As such, the view of IDF is requested for several items such as the development of horizontal methods for the detection and/or enumeration of *E. coli*, *Salmonella spp.*, *Cronobacter spp.*, *Listeria spp.* IDF is represented in 14 of the 24 groups working in ISO SC 9 and CEN/TC275/WG 6.

Contact: [Aurélie Dubois](#), IDF Standards Officer

IDF teams up with FAO on brand new web portal on animal welfare

IDF was approached by FAO to collaborate on their brand new portal 'Gateway to Farm Animal Welfare'. The initiative aims to promote the improvement of livestock health, welfare and productivity worldwide.

The website will include information on various key issues such as:

- Animal welfare in relation to transport, slaughter and pre-slaughter management
- Concerns to the dairy sector such as animal husbandry and the handling and culling of animals for disease control

- The promotion of compliance with animal welfare standards, including the internationally recognized OIE standards pertaining to international trade

The project is expected to attract a range of users including farmers and government officials, lawmakers, researchers, the livestock and food industry and non-governmental organizations.

An editorial board composed of representatives from the partner organizations involved, including the IDF Technical Director, has been appointed to preserve the integrity of the FAO Portal as a source of reliable science-based information.

To gather more information and access the portal, please go to: <http://www.fao.org/ag/againfo/programmes/animal-welfare/en/>

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

International collaboration boosts nutrition management

In the first half of 2009, SCNH successfully expanded its external working relationships and cooperation with several international organizations in the area of nutrition.

Judith Bryans (SCNH Chair), Yvette Soustre (SPCC Nutrition), Mareike Preller (EDA) and Sandra Tuijtelaars (IDF HO) met with ILSI Europe Nutrition staff to discuss areas of mutual interest in regards to nutrition. Activities of interest for the dairy sector are the ILSI Europe work on probiotics (with Irene Lenoir-Wijnkoop (FR) as IDF-ILSI Europe liaison expert), the ILSI Europe coordinated pan European project 'Benefit-Risk Assessment of Foods (BRAFO)' and the 'EURRECA' project, which aims at aligning nutrient recommendations across Europe.

In addition, in January 2009, the Boards of IDF and GDP agreed on a work plan of collaboration in the areas of milk fat and nutrient density. IDF representatives are involved in the research steering groups that have been set up on these topics and GDP staff participated in related IDF Action Teams.

Several IDF experts and the IDF Nutrition Officer participated in the closed 2009 Utrecht Group workshop on 'Nutrient Richness/Nutrient Density: Dairy a Nourishing Food for Life', which facilitates information exchange between the organisations.

Coordination of global dairy messages is now better ensured by close liaisons between IDF, EDA, GDP and the Utrecht Group. In these times of global developments and changing needs for the dairy sector as a whole, SCNH recognizes the importance of collaboration and ensures alignment with other international bodies in the field of dairy, nutrition and health.

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

IDF Events

IDF Open Forum on Present and Future Work

This year's IDF Open Forum will take place at the IDF World Summit in Berlin on **20 September 2009**. The focus will be on IDF strategies and action plans with particular regard to four areas:

- Environment/sustainability and related communication activities,
- Nutrition/milk fat,
- Integrity of suppliers milk and
- Animal welfare.

A new SPCC concept pertaining to the means of providing information to NCs regarding IDF work priorities will also be introduced for discussion with IDF stakeholders.

The Forum will be accessible for all registered IDF WDS participants.

The programme has now been finalized and is available from the official IDF World Dairy Summit 2009 website at: <http://www.wds2009.com>.

Register at the IDF World Dairy Summit Berlin 2009 now!

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



CALLS FOR PAPERS AND POSTERS!

Don't miss out on the opportunity to submit an abstract summarizing your latest research project for the IDF Symposia on 'Science and Technology of Fermented Milk' and 'Microstructure of Dairy Products'. The conferences will be held in Norway in June 2010 as part of the IDF Dairy Science and Technology Week 2010.

This is your chance to get involved!

IDF Symposium on Science and Technology of Fermented Milk

- For submissions, please click on the link:

[Submissions for IDF Symposium on Science and Technology of Fermented Milk](#)

- For further information visit

<http://www.idffer2010.no/>

IDF Symposium of Microstructure of Dairy Products

- For submissions please click on the link:

[Submissions for IDF Symposium of Microstructure of Dairy Products](#)

- For further information visit

<http://www.idfmic2010.no/>

Whey innovation 2009, 23-24 June 2009

Presentations of the “Whey Innovation 2009”, organized with the contribution of IDF, are now available from the IDF Intranet at <http://docshare.fil-idf.org/Contents/Contents.asp?ID=2374&PortalSource=0>

IDF Publications Bulletins of the month

Bulletin of the IDF No. 436/2009 - Environmental / Ecological Impact of the Dairy Sector

The new IDF Bulletin is part of a series of publications addressing a variety of issues surrounding environmental sustainability. It addresses the possible strategies and approaches to minimize and control environmental impact throughout the dairy production chain.

It provides an analysis of the key issues in the dairy sector based on Life Cycle Assessment (LCA) and an inventory of environmental initiatives that have an influence on this sector.

Based on the findings of this study IDF has immediately initiated new work on Life Cycle Analysis / Life Cycle Management and Carbon Footprint in the Dairy Sector in order to develop a common LCA methodology for all dairy products.

Find out more in the IDF Bulletin no. 436/2009 ‘Environmental / Ecological Impact of the Dairy Sector’ which is available **free of charge** via the IDF Website: <http://www.fil-idf.org>

Pages: 60 - Price: free of charge - Date: 2009

Bulletin of the IDF No. 437/2009 - Effects of foot-and-mouth disease on the dairy industry

Foot and Mouth disease (FMD) can be highly destructive, with an outbreak resulting in severe economic consequences for dairy producers and processors. IDF believe it is essential to remain updated on the latest information and challenges in order to control FMD and to aim for its eradication.

The new IDF Bulletin provides a deeper understanding of the threat of FMD and details on how the dairy industry can be prepared in the event of an outbreak. Such information includes:

- The effects of an FMD epidemic
- Control measures
- The importance of collaboration within the dairy industry.

Stay informed and order your copy of the IDF Bulletin N° 437/2009 “Effects of foot-and-mouth disease on the dairy industry” via the IDF Website at: <http://www.fil-idf.org>

Pages: 11 - Price: 11,00 Euro - Date: 2009

A reappraisal of the impact of dairy foods and milk fat on cardiovascular disease risk

The summary report of the symposium 'Scientific update on dairy fats and cardiovascular disease' has been published in the European Journal of Nutrition and is available online with open access.

The report provides a reappraisal of the impact of dairy foods and milk fat on the risk of cardiovascular disease (CVD). The conclusions highlight that despite the contribution of dairy products to the saturated fatty acid composition of the diet, and given the diversity of dairy foods of widely differing composition, there is no clear evidence that dairy food consumption is consistently associated with a higher risk of CVD. Thus, recommendations to reduce dairy food consumption irrespective of the nature of the dairy product should be made with caution.

Full content of the original article is freely accessible via the website of the [European Journal of Nutrition](#)

Joint IDF-ISO Standards

ISO 23623|IDF 213:2009 - Milk products - Determination of the acidification activity of dairy cultures by continuous pH measurement (CpH)

This standard specifies a method for the measurement of the acidification activity of lactic acid bacteria by continuous measurement of pH. The method is applicable to dairy starter cultures where these characteristic microorganisms are present.

Two types of standardized milk are specified in the procedure: boiled milk with 9,5 % mass fraction dry matter (B-milk 9,5); and autoclaved milk with 9,5 % mass fraction dry matter (A-milk 9,5). It is possible that heat treatment of B-milk 9,5 does not inactivate all enzymes that are present, which can affect the activity of some cultures. In that case, cultures are tested with A-milk 9,5 in which all enzymes have been inactivated.

Pages: 13 - Price: 52,99 Euro - Date: 2009 - This standard is only available in English.

Contact: [Oscar Chavez](#), IDF Office Manager



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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 56 countries and is growing; IDF accounts for about 85% 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