



Inside this issue

- Message of the Director General
- Programme of Work - SCDPE
- Programme of Work - SCNH
- Programme of Work - SCDST
- IDF collaboration with other international organizations - CCFL
- IDF collaboration with other international organizations - IFCN
- Publications
- Events
- Events - Asia Dairy Goat Conference

Message of the Director General

Message from the Director General



Dear Friends,

I am delighted to join a global organization that provides science-based expertise for the benefit of the dairy sector and other key stakeholders.

Faced with a growing population and diminishing resources, our work reflects the dairy sector's strategy to positively respond to sustainability challenges. For instance, IDF has established the Global Dairy Agenda for Action with several other major dairy and agri-food organizations to reduce greenhouse gas emissions.

Regarding sustainable water use, IDF organized the workshop "Towards a Standard Methodology for Water Footprint in the Dairy Sector" in February 2012, and will release an IDF guide in early 2013. We have started work on biodiversity. Overall, we will integrate sustainability considerations with regard to nutrition to identify environment-friendly practices for the production of nutritious dairy products.

Preserving the integrity of milk in the supply chain is part of our commitment. As a result, we produced new guidelines on *Integrated Supply Chain Management*. Widespread use of this guide will further reinforce consumer confidence in the milk industry's ability to guarantee safe and nutritious products. During the IDF/ISO Analytical Week in June 2012, we discussed progress on a new infrared-based method to detect adulteration of milk.

Recognizing the importance of feed in food production, the *IDF/FAO/IFCN World Map of Animal Feeding Systems* sets the starting point for the future evolution of animal feeding systems in the dairy sector.

IDF's potential to strengthen the dairy sector will be fully realized if stakeholders send their scientific experts to participate in our activities. Their involvement is crucial if we want to make significant progress in tackling the challenges that our sector faces. IDF enables the experts to learn more about the work of other actors in their field, contribute to global actions with their expertise and promote their activities to stakeholders involved in dairy development.

I look forward to contributing to the work of IDF and to collaborating with other stakeholders to promote safe, nutritious and sustainable dairy products.

Nico van Belzen, PhD
Director General of IDF

DON'T MISS OUR SPECIAL ISSUE ON IDF EVENTS ON JUNE 26!

PROGRAMME OF WORK

Dairy Policies and Economics

Meeting of the Standing Committee on Dairy Policies and Economics, 19 March 2012

Country Reports: a summary of the reports received from SCDPE members from 16 countries was presented. The report highlighted the situation of farm gate and retail prices, milk production and consumption as well as trade. An Executive Summary of the Country Report will be prepared and posted on the IDF Intranet website.

World Dairy Situation Report: a preview of the World Dairy Situation 2012 was presented. The highlights of the current situation are as follows: dairy production progressed in supplying regions, export demand remained strong, market prices are not as high as 2011 but are holding up and farmers benefit from good milk prices but also face high production costs.

Strategy on issues management: while IDF does not intend to manage or coordinate a global response to dairy industry issues/crises, the leadership expects all groups, from National Committees to Standing Committees, to initiate a process to identify emerging issues. SCDPE will identify relevant experts to handle potential media requests.

Nutrition and health

Meeting of the Standing Committee on Nutrition and Health, 6 May 2012

AT Dairy Nutrition and Environmental Sustainability :

Mary Anne Burkman presented her written report. The objective is to have an internal resource paper on Dairy Nutrition-Sustainability.

The project will be presented at the Nutrition and Health Conference at the WDS 2012.

AT FAO/WHO Fats and Oils review, including the WHO Call for public comments on SFA & TFA:

IDF responded to the call for public comments from the WHO on scoping of WHO guidelines on Saturated-Fatty Acid and Trans-Fatty Acid Consumption.

WHO consultation on calcium and vitamin D supplementation for the prevention of pre-eclampsia in pregnant women: IDF responded to the call for public comments.

Review on the health benefits of CLA: The British Journal of Nutrition was selected by the Standing Committee as journal for the publication of the CLA review which is being written by Dr Spencer Procter. The review should be submitted for publication by the end of June.

Dairy Science and Technology

Meeting of the Standing Committee on Dairy Science and Technology, Madison/ WI (US), 20 May 2012

Issue management:

Other IDF SCs are encouraged to create liaison with SCDST on issues on which scientific-technical input from dairy science and technology could be helpful.

Profiling of experts:

The SCDST membership will be categorized by area of expertise. A list of keywords will be developed.

Planned IDF stakeholder survey on dairy science and technology

A SCDST Action Team will assist SPCC with the drafting of the survey.

Proposed publication agreement Elsevier-IDF

The meeting agreed that IDF should not grant exclusivity for publication to one single publisher and that it must retain flexibility to decide case-by-case. Electronic access to IDJ was preferential over receipt of re-prints. The IDF HO will continue the discussion with Elsevier also taking into account comments expected from SPCC.

The meeting reviewed the status of programming of up-coming **IDF events** and agreed:

- To propose to the IDF NC of Israel to consider the topic of Extending Shelf Life Milk as possible DST conference topic for the IDF WDS Tel Aviv/IL 2014,
- To advance the planning of a possible IDF event related to whey/permeate topic from a milk ingredients perspective in 2015 or 2016,
- To initiate the planning process for the next IDF International Symposium on Sheep, Goat and other non-Cow Milk in 2015 ,
- To integrate the previously proposed conference on milk proteins and peptides in the next IDF cheese technology and ripening symposium in 2016.

SCDST communication-related activities

- The meeting reviewed the list of factsheet topics proposed at the last SCDST meeting and proposed to draw factsheets from future IDF events.
- There was a need to be a better marketing of the good work of the committee to IDF stakeholders.
- A list of young scientists/students should be developed, possibly, through an IDF website tool.
- IDF should also consider the idea of awarding a special IDF prize for the best student's work at IDF events.

COLLABORATION WITH OTHER INT. ORGANIZATIONS

Codex Committee on Food Labelling (CCFL)

Meeting in Ottawa, Canada, from 15 to 18 May 2011

Progress was made with several key items under the heading of Implementation of the WHO Global Strategy on Diet, Physical Activity and Health for adoption by the next session of the Codex Alimentarius Commission in July 2012.

New definition of Nutrient Reference Values (NRVs) : The draft final definition was adopted as previously proposed. A footnote reference has been added following request of some delegations to clarify who was responsible for establishing the NRVs, namely: competent authorities or recognized international organizations.

New definition for “non-addition claim”, conditions for free of salt claims and amendments to the section on comparative claims and conditions for non-addition of sugars claims in the Codex Guidelines for Use of Nutrition and Health Claims

There was general agreement that sodium should be included in the nutrients requiring a reduction of 25%, although it is generally considered a micronutrient. For other micronutrients a 10% difference in the NRV would be acceptable, between the compared foods and minimum absolute difference in the energy value or nutrient content equivalent to the figure defined as “low” or as a “source” in the Table to the respective Codex Guidelines.

- Several delegations pointed out that it was essential to ensure that a decrease in saturated fats did not result in an increase in trans fatty acids. The following wording was agreed on: “The content of trans fatty acids should not increase for foods carrying a comparison claim for decreased saturated fatty acids content.”
- The meeting participants generally supported establishing a “free” claim for trans fatty acids and not to pursue consideration of claims for low in trans fatty acids because the Global Strategy recommends their virtual elimination.

Provisions for mandatory nutrition labelling :

- Nutrient declaration should be mandatory for all prepackaged foods for which nutrition or health claims, as defined in the Guidelines for Use of Nutrition and Health Claims (CAC/GL 23-1997), are made.
- Nutrient declaration should be mandatory for all other prepackaged foods except where national circumstances would not support such declarations. Certain foods may be exempted for example, on the basis of nutritional or dietary insignificance or small packaging.

The latter takes into account the position of IDF in regard to national circumstances.

The proposed [claims for Non-Addition of Sodium Salts](#) in the Guidelines for use of Nutrition and Health Claims were advanced to CAC for adoption at Step 5 at the forthcoming CAC session in early July 2012.

The topic on [Modified Standardized Common Names](#) was removed from the CCFL agenda since there continued to be no consensus to start new work on this matter.

CCFL will consider taking-up [new work with regard to Date Marking](#) at its next meeting to take place in Prince Edward Island (Canada) from 13 – 17 May 2013.

International Farm Comparison Network (IFCN) Dairy Conference

Kiel (Germany,) 4-6 June 2012

The IFCN Dairy Conference 2012 took place in Kiel (DE) from 4 to 6 June 2012 with the participation of 90 experts representing 47 countries.

The IFCN is a global network of dairy researchers from over 85 countries set-up in partnership with 89 companies of the dairy industry and its supplying industries and running with the support of several institutional partners, including IDF. Since the year 2000 the annual IFCN Dairy Conference is a key event for dairy farm economists from all over the world to exchange knowledge of milk production and the developments in the dairy sector.

Key findings presented at the event were:

- The year 2011 was a record high in terms of milk production absolute growth of 22.6 mill t (3.6 %) which was almost identical to the IFCN growth estimate of last year, compared to 2011 when it was 16.3 mill t. This development was mainly driven by favorable milk prices and weather conditions.
- A decreasing milk production was observed for Russia, Ukraine, Belarus and Iran.
- Preliminary results of the IFCN farm comparison indicate that the increasing feed prices in 2011 (+38.5%) were driving cost of milk production upwards.
- The milk production cost increase was strongest in high yield dairy farming systems. Moreover, a wide number of emerging countries like China, India and Brazil show strong cost increase driven by rising wage levels.
- In terms of dairy farm profitability, the year 2011 shows good results as in most countries milk prices have increased over costs.

The final results will be published with the annual IFCN Dairy Report in October 2012.

The participants have also debated the milk production outlook for 2012 to 2014. IFCN expects milk production to grow by 20-22 mill t p.a. In May 2012, the world milk price (based on the price for skim milk powder and butter) has fallen to a level of 35 USD per 100 kg milk from a 30 month time period from November 2009 to April 2012 during which world market prices have been quite stable in a price range of 40 to 50 USD per 100 kg milk. Further decline is expected. This price is driven by the balance of world milk supply and demand and it affects the farmers' milk price in almost every country in the world.

According to IFCN, the volatility of the future world price will depend heavily on strategic stock building and the transmission from world price signal to dairy farmers and milk consumers:

- if fast, meaning farmers and consumers milk prices follow the world market prices, then the volatility would be low and low prices would result in increase of milk consumption,
- if slow, then the volatility will be much higher as farmers and consumer would not receive price signals.

The IFCN meeting pointed to indications that the dairy industry is facing a low milk price transmission especially in times when price declines.

IDF PUBLICATIONS

 IDF Publications

Special Issue of the month

IDF International Symposium on Sheep, Goat and other non-Cow Milk

Proceedings of an International Symposium, 16-18 May 2011, Athens, Greece

The latest IDF Special Issue is now available free on charge on the IDF Website (<http://www.fil-idf.org/Public/ColumnsPage.php?ID=23077>)

IDF has just released the proceedings of a recent symposium on properties, production, technology, nutrition, markets and policies with regard to milk of ewes, goats and other non-cattle milking species.

These proceedings reflect the overall objective of the IDF Symposium, which was to provide a renewed vision of knowledge on husbandry and milk production, technology, chemistry, physics, microbiology and nutrition and to highlight the significance of markets and appropriate policies as they have evolved since 2007.

A selection of presentations are being published in the International Dairy Journal* after peer review applied by the Journal and 46 of them are published in this Bulletin.

* *Special Issue: IDF International Symposium on Sheep, Goat and other non-Cow Milk, International Dairy Journal, Vol. 24, Issue 2 (2012), 50-152, Guest Editors: Effie Tsakalidou & Efsthios Alichanidis*

Joint IDF/ISO standards

IDF 176 - ISO 15174 Milk and milk products - Microbial coagulants — Determination of total milk-clotting activity

This International Standard specifies a method for comparison of the total milk-clotting activity of a microbial coagulant sample with the milk-clotting activity of an international microbial coagulant reference standard on a standard milk substrate prepared with a calcium chloride solution of concentration 0,5 g/l (pH ~6,5).

This edition cancels and replaces ISO 15174|IDF 176:2002

9 Pages price: 54,76 Euros date:2012

IDF 110 - ISO 15163 (2012) Milk and milk products - Calf rennet and adult bovine rennet Determination by chromatography of chymosin and bovine pepsin contents

This International Standard specifies a reference method for the determination of the amounts of chymosin and bovine pepsin present in a test sample of calf rennet and adult bovine rennet. In addition, it can be used for mixtures of calf/bovine rennet with fermentation-produced bovine chymosin (FPC).

19 Pages price:79,11 Euros date:2012

IDF EVENTS

IDF/INRA International Symposium on Spray Dried Dairy Products

19-21 June 2012, St.Malo, France

The event aims at bringing together research and industry leaders to share ideas and information about new developments in two complementary fields of science and technology – the manufacture of dairy powders and the functionality of these products as food ingredients.

For more information on the Symposium, visit <https://colloque4.inra.fr/sddp2012>.

IDF World Dairy Summit



4-8 November 2012, Cape Town, South Africa

Come join us to the IDF World Dairy Summit – the world's primary leading edge dairy event and most important gathering of and for dairy specialists and decision-makers in all dairy related fields.

Make sure to visit www.wds2012.com for detailed information. The [latest brochure](#) is also available for download on the website.

Events

First Asia Dairy Goat conference held in Kuala Lumpur, Malaysia from 9 to 12 April 2012 with support of FAO and IDF

Over 90% of the 921 million goats in the world are found in developing countries and Asia has the highest proportion of about 60% of the world goat population. Also Asia has the largest global goat breed share of 26%. Goats play a vital socio-economic role in Asian agriculture, particularly for resource-poor people. Unfortunately, goat rearing for milk production has not attracted attention of policy makers, science managers and researchers in Asia since goat production has largely been in the hands of resource-poor farmers who are politically and economically marginalized. However, lately, due to emerging challenges of global warming – higher ambient temperatures in the future, decrease in animal productivity and increase in pressure on natural resources – the role of goats is being increasingly realized and appreciated due to their high adaptability to a wide array of environmental conditions and feed resources.

The event provided a platform to share technical information and experiences and to network for promoting dairy goat farming amongst 130 participants from 20 countries spread over 5 continents.

Main conclusions and recommendations were:

- There is huge demand for goat milk in Asian countries.
- The sale price of goat milk is 2 to 4 times higher than that of cow's milk in Asian countries.
- The goat milk processing industry is not well developed in Asia and there is a need to address this issue through public-private partnerships.
- R&D work on goat production has remained neglected and there is a need to generate new knowledge in the areas of nutrition, health, reproduction and genetic diversity and to collate and disseminate the already available information.
- The extension work and training of goat farmers should be given top priority.
- Development of sound and relevant policy options, institutional building and linking farmers to markets should be addressed, leading to both increase in goat milk production and processing of goat milk.
- South-South and North-South collaboration should be promoted in areas that lead to increase in goat milk production and processing.

The need for forming an Asia Dairy Goat Network was strongly stressed by the participants in order to:

a) facilitate generation, collection, dissemination and exchange of knowledge,

b) provide technical, institutional and policy supports, and

c) promote improved and sustainable dairy goat farming in Asia.

The Network will be launched in the coming two-three months under the leadership of the University Putra Malaysia (UPM), Department of Veterinary Science.



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The scientific expertise for the dairy sector worldwide