

REPORT ON RESULTS AND PROGRESS OF THE IDF PROGRAMME OF WORK , AUGUST 2007 –DECEMBER 2007

By IDF Head Office

CONTENTS

1	Introduction	1
2	Work Items Completed.....	1
2.1	IDF Events	1
2.2	IDF Material in a Scientific Peer-Review Journal.....	1
2.3	IDF Publications.....	2
2.4	ISO/IDF International Standard Methods of Analysis and Sampling.....	2
2.5	Forthcoming IDF Publications.....	2
3	Status of identified IDF priority projects by Standing Committee	2
4	Achievements and on-going work in identified IDF priority working areas.....	8
4.1	Animal Health.....	8
4.2	Food Standards.....	8
4.3	Methods of Analysis and Sampling.....	9
4.4	Nutrition.....	9
5	New work items and future IDF events adopted.....	9
	Appendix 1 -List of IDF Submissions to Codex.....	10
	Appendix 2 - List of approved future IDF Events.....	10

1 INTRODUCTION

This report summarizes the development of the IDF Programme of Work since the previous IDF Programme of Work issued in August 2007.

The format and presentation of the report has been changed from previous edition of the IDF Progress Report in terms of :

- Presenting a complete list of results and achievements including IDF events, IDF publications, ISO/IDF published standard methods of analysis and sampling, IDF submissions to Codex and other international organizations,
- Presenting a list of forthcoming IDF publications in the final stage of preparation and IDF events recently adopted,
- Reporting on achievements and on-going work in identified IDF priority work areas,
- Detailing the target dates, current status and prospects for completion of identified priority items for 2007/2008 of all IDF working bodies.

More details can be obtained from most recent editions of the IDF Newsbrief, IDF reports and submissions available from IDF Intranet and upon request from the IDF Head Office.

2 WORK ITEMS COMPLETED

16 work items were completed since August 2007 resulting in:

2.1 IDF Events

- IDF World Dairy Summit, Dublin (IE), September/October 2007
- InterIce 2007/Third IDF International Symposium on Ice Cream, Cologne (DE), December 2007

2.2 IDF Material in a Scientific Peer-Review Journal

- Rheology and Structure of Fermented Milk, Special Issue of the International Dairy Journal, Vol. 17 Issue 11 November 2007

2.3 IDF Publications

- Bulletin of the IDF No. 418/2007 – Good Dairy Farming Practices related to Primary Production of Milk and Farm Management
- Bulletin of the IDF No. 419/2007 - Collaborative studies organized to include sheep and goat milk in the scope of joint standard ISO 5764|IDF 108: 2002 milk – Determination of freezing point – Thermistor cryoscope method (Reference method)
- Bulletin of the IDF No. 420/2007 - Coagulation Of Milk: Processes And Characteristics
- Bulletin of the IDF No. 421/2007 - Foot And Mouth Disease And The Dairy Industry: Problems And Prevention
- Bulletin of the IDF No. 422/2007 - Reduction Of Greenhouse Gas Emissions At Farm And Manufacturing Levels
- Bulletin of the IDF No. 423/2007 - The World Dairy Situation 2007
- IDF Animal Health Newsletter n°1, 2007

2.4 ISO/IDF International Standard Methods of Analysis and Sampling

- ISO 8070|IDF 119:2007 - Milk and milk products - Determination of calcium, sodium, potassium and magnesium contents - Atomic absorption spectrometric method
- ISO 11815|IDF 157:2007 - Milk - Determination of total milk-clotting activity of bovine rennets
- ISO 14501|IDF 171:2007 - Milk and milk powder - Determination of aflatoxin M1 content - Clean-up by immunoaffinity chromatography and determination by high-performance liquid chromatography
- ISO14156|IDF 172:2001 Amended 2007 - Milk and milk products -- Extraction methods for lipids and liposoluble compounds -- Amendment 1
- ISO 22662|IDF 198:2007 - Milk and milk products - Determination of lactose content by high-performance liquid chromatography (Reference method)

2.5 Forthcoming IDF Publications

- Results of the collaborative study on omega3-omega6 fatty acids (ISO/DIS 23065 | IDF 211)
- FAO/IDF Dairy Development Newsletter no. 10 2007
- Bulletin of the IDF on Milking Management of Dairy Buffaloes
- Proceedings 5th International Symposium on the Challenge to Sheep and Goats Milk Sectors, Alghero, Italy, 18 to 20 April 2007 (selected papers in Small Ruminants Journal), poster and abstracts
- Bulletin of the IDF on Compilation of Commercial Available Screening Methods for the Detection of Inhibitors/Antibiotic Residues in Milk
- Bulletin of the IDF on Determination of Nitrogen Content of Sheep & Goat Milk
- Bulletin of the IDF on The place of milk in consumers' exposure to PCDDs, PCDFs and Dioxin-like PCBs
- Bulletin of the IDF on Feed-associated Mycotoxins in the Dairy Chain: Occurrence, Risks and Control
- ISO/IDF standards:
 - ISO 8260 | IDF 130
 - ISO 9231 | IDF 139
 - ISO 9233 | IDF 140
 - ISO 13366-1 | IDF 148
 - ISO 20541 | IDF 197
 - ISO/TS 17837 | IDF/RM 25

3 STATUS OF IDENTIFIED IDF PRIORITY PROJECTS BY STANDING COMMITTEE

The list of IDF priority items, their target date and current status is detailed in the following table.

Standing Committee	Priority item	Target date	Status / Comment
Animal Health SCAH	First IDF Animal Health Newsletter	September 2007	<u>Complete</u> Published prior to IDF WDS Dublin
	IDF World Dairy Summit Mexico 2008 – assistance to programming of animal health related conference	November 2008	<u>On target</u> SCAH has identified active member to participate at PRG Committee
	SCAH expert input to IDF contribution to future Codex Task work on Antimicrobial Resistance	Continuous	<u>On target</u> SCAH has made input to first Codex TF meeting and FAO/WHO/OIE stakeholders meeting
	Impact of Foot and Mouth Disease on the Dairy Sector	November 2007 (to be revised)	<u>Delayed</u> SCAH member comments submitted to Project Group, final draft expected from PG leader
Farm Management SCFM	Support to the First IDF Dairy Farming Summit, 25-27 June 2008, Edinburgh, United Kingdom	June 2008	<u>On target</u> Programme Committee has been identified, second announcement forthcoming
	IDF Input to OIE Draft Guide to Good Farming Practices for Animal Production Safety	Continuous	<u>On target</u> New draft is being expected from OIE
	Milking Management of Buffaloes/ Machine Milking of Buffaloes	November 2007 (to be revised)	<u>Delayed</u> Final paper is with IDF Head Office, publication forthcoming
	Guide to good animal welfare in dairy production	November 2007 (to be revised)	<u>Delayed</u> SCFM member and OIE comments submitted to Project Group, FAO comments still expected, final draft expected from PG leader
Food Additives SCFA	Codex General Standard for Food Additives (GSFA) Transfer of Food Additives from Codex dairy standards to the GSFA	Continuous	<u>On target</u> Ref. most recent submission to CCFA (Appendix 1)
	Comparison and Technological Accuracy (of all food additives in all Codex dairy standards versus the most recent version of the GSFA)	Continuous	<u>On target</u> Ref. most recent submission to CCFA (Appendix 1)

Standing Committee	Priority item	Target date	Status / Comment
SCFA (continuous)	Additives in Codex standards for milk and milk products	Continuous	<u>On target</u> Ref. most recent submission to CCFA (Appendix 1)
	IPA and possible Codex Guideline on Processing Aids	Continuous	<u>On target</u> Ref. most recent submission to CCFA (Appendix 1)
Food Labelling and Terminology SCFLT	IDF input to ongoing Codex discussion on Implementation of the WHO Global Strategy on Diet, Physical Activity and Health on labelling matters and Codex nutrition matters, the latter in consultation with the SCNH	Continuous	<u>On target</u> IDF has submitted written comments prior to last CCFL and will be represented at forthcoming CCFL WG meeting
	Organic foods	Continuous	<u>On target</u> IDF participates at CCFL WG
	Discussion paper on modified standard common names	Continuous	<u>On target</u> SCFLT AT is preparing IDF draft comments
	Labelling provisions in Codex Standards for Milk and Milk products	Continuous	<u>On target</u> No specific issue at present
	Proposed draft definition of advertising in relation to nutrition and health claims	Continuous	<u>On target</u> SCFLT/SCNH/SCM AT has prepared IDF draft comments - currently with NCs and SCs for comment and approval
Standards of Identity SCSID	Codex Standard for Processed Cheese	Continuous	<u>On target</u> Ref. most recent submission to CCMMP (App. 1)
	Individual food additive provisions in the Codex Standard for Fermented Milks	Continuous	<u>On target</u> Ref. most recent submission to CCMMP (App. 1)
	Proposed Draft Amendment to the Codex Standard for Fermented Milks pertaining to Composite Fermented Milk Drinks	Continuous	<u>On target</u> Ref. most recent submission to CCMMP (App. 1)
Codex Export Certificate for Milk and Milk Products TFCECMMP	Export Certificate for Milk and Milk Products	Continuous	<u>On target</u> CCFICS went well, IDF will be represented at forthcoming CCMMP WG meeting

Standing Committee	Priority item	Target date	Status / Comment
<u>MSSG working area:</u>	Regulatory matters – items directly related to and work for Codex Committees.	Continuous	<u>On target</u> Ref. ISO/IDF Work Programme
Analytical Methods for Additives and Contaminants SCAMAC	Harmonization – to have representation in all ISO TC 34/SC 9 groups of dairy interest.	Continuous	<u>On target</u> IDF will be represented at forthcoming ISO SC9 meeting
Main Components in Milk SCMCM	Investigation on the need to develop new IDF/ISO standards methods for vitamins not yet covered in present IDF/ISO standards	May 2008	<u>On target</u> Discussion paper being prepared for ISO/IDF AW 2008
Microbiological Methods of Analysis SCMMA	Analytical Strategies and their place in the new IDF Strategic Review.	May 2008	<u>On target</u> Extraordinary MSSG meeting will take place in Feb. 2008
Minor Components and Characterization of Physical Properties SCMCCP	ISO/IDF Analytical Week 2008 Montreux	May 2008	<u>On target</u> Events website and timetable of meetings to be published in due course
Quality Assurance, Statistics of Analytical Data and Sampling SCQASADS			
Nutrition and Health SCNH	Dairy fat, including trans fatty acids, IDF input to forthcoming FAO/WHO Expert Consultation on Fats and Oils	September 2008	<u>On target</u> New work item on 'Dairy fat and CHD' is under elaboration, AT work is proceeding
	Cancer – Preparation of expert reviews and communication plans	November 2007	<u>Complete / On target</u> Advisory statement distributed
	Coordination of Codex Nutrition Matters and input to CCFNSDU and CCFL	April 2008	<u>On target</u> Preparation of submission on Definition of Dietary Fibre, and on Risk analysis principles in the work of CCFNSDU
	Nutrient Profiling	December 2007	<u>Delayed</u> IDF Draft Position has been endorsed by IDF NCs, comments are being considered by Project Group prior to finalization

Standing Committee	Priority item	Target date	Status / Comment
Microbiological Hygiene SCMH	Codex Committee on Food Hygiene (CCFH) items : - Code of Hygienic Practice for Powdered Formulae for Infants and Young Children - Guideline for the Validation of Food Safety Control Measures - Annex II: Guidance on Microbiological Risk Management Metrics (Annex to the Principles and Guidelines for the Conduct of Microbiological Risk Management)	Continuous	<u>On target</u> CCFH has adopted these texts at Step 5/8 (with very active participation of IDF) to move forward for final adoption by CAC in July 2008
	Codex Committee on Food Hygiene (CCFH) items : - Appendix to the Code of Hygienic Practice for Powdered Formulae for Infants and Young Children relating to Microbiological Criteria , - Microbiological Criteria for <i>Listeria monocytogenes</i> in Ready-to-Eat Foods	Continuous	<u>On target</u> CCFH has appointed WGs to advance the drafting of these texts, IDF will actively participate
	Protocol for Measurement of Heat Resistance in Bacteria	End of 2008	<u>On target</u> PG is preparing revised draft for circulation to SCMH
	Programme for conference IDF/FAO/WHO Symposium: "Revolution in Food Safety Management" in Bali Indonesia in February 2008	February 2008	<u>On target</u> Publication of final speaker programme on events website is forthcoming
Residues and Chemical Contaminants SCRCC	Integrated control of veterinary drugs in the dairy chain including IDF expert input to Codex TF on Antimicrobial Resistance	Continuous	<u>On target</u> IDF position paper on antimicrobial resistance was prepared and submitted to FAO/WHO/OIE in October 2007, AT is being re-activated, meeting proposed for February 2008,
	Monograph on Management of Feed-associated Mycotoxins in Dairying	End of 2007	<u>Delayed</u> Final text available, in the process of publication
	Contaminants questions from CCCF, CCMMP, CCRVDF and CCPR	Continuous	<u>On target</u> There is no specific issue at present
Dairy Science and Technology SCDST	InterIce 2007 / Third IDF Symposium on Ice Cream, Cologne (DE), November 2007	December 2007	<u>Complete</u> Successful event was held
	IDF Symposium on Cheese Ripening, Bern (CH), 9-13 March 2008	March 2008	<u>On target</u> Final programme is available and published on website
	Third IDF Dairy Science and Technology Week, City of Quebec, Canada, 12-16 May	May 2008	<u>On target</u> Programme is being

Standing Committee	Priority item	Target date	Status / Comment
	2008		developed, website available
SCDST continuous	IDF/INRA First International Symposium on Minerals and Dairy products, Saint-Malo (FR), 1-3 October 2008	October 2008	<u>On target</u> SCDST and SCNH have identified members to contribute to programme development
	IDF World Dairy Summit, Mexico, November 2008 – dairy science and technology conference	November 2008	<u>On target</u> SCDST has identified members to contribute to programme development
Environment SCENV	Environmental issues at farm level including expert contribution to First IDF Dairy Farming Summit, 25-27 June 2008, Edinburgh, United Kingdom	June 2008	<u>On target</u> SCENV has identified members to contribute to programme development
	Effluent treatment and removal of salts	November 2008	<u>On target</u> Programme for half-day workshop at WDS Mexico 2008 is under development
	Dust emissions from dairy plants	2009	<u>On target</u> Programme for environment conference at the WDS Berlin 2009 is under consideration
Dairy Policies and Economics SCDPE	World Dairy Situation report 2007	September 2007	<u>Complete</u> Published prior to IDF WDS Dublin
	World Dairy Situation report 2008	November 2008	<u>On target</u> Survey to be launched in 2008
	Conference on Economics at IDF World Dairy Summit in Mexico 2008	November 2008	<u>On target</u> SCDPE has identified experts to contribute to programme development
Marketing SCM	International Milk Promotion Group (including IMP trophy)	Continuous with annual milestone at IDF WDS	<u>On target</u> Report on current activities of the IMP Group was presented at last SCM meeting, preparations for 2008 running
	New Marketing Awards	Continuous with	<u>On target</u>

Standing Committee	Priority item	Target date	Status / Comment
	(in three competition categories: - Innovation - Nutrimarketing - Marketing Communication)	annual milestone at IDF WDS	Report on current activities of the IMP Group was presented at last SCM meeting, preparations for 2008 running
	Marketing conference at IDF World Dairy Summit Mexico 2008	November 2008	<u>On target</u> SCM has identified experts to contribute to programme development

4 ACHIEVEMENTS AND ON-GOING WORK IN IDENTIFIED IDF PRIORITY WORKING AREAS

4.1 Animal Health

Upon invitation by OIE, IDF has participated at the meetings on FAO/OIE Guide to Good Farming Practices and at the meeting of the OIE Permanent Working Group on Animal Welfare in September 2007. IDF was given full membership status (and with that preference over two other partner organizations of the private agri-food sector) to represent the private sector for the first year within a rotating membership scheme.

It is expected that the involvement and contribution of OIE will lead to the establishment of an internationally recognized Guide to Good Animal Welfare Practice in Milk Production under the drafting leadership of IDF.

IDF has actively participated at a most recent FAO/WHO/OIE Stakeholder Consultation on Antimicrobial resistance including risk management options at FAO Rome, 26 November 2007 with a presentation made by the Chair of SCAH.

4.2 Food Standards

IDF remains actively involved in several Codex Committees through active observer participation and membership at working groups. The current focus is on the following horizontal Codex Committees:

- Nutrition and Foods for Special Dietary Uses (CCNFSDU)
- Food Hygiene (CCFH)
- Food Inspection and Certification Systems (CCFICS)
- Residues of Veterinary Drugs (CCRVDF)
- Milk and Milk Products (CCMMP)
- Methods of Analysis and Samplings (CCMAS)
- Food Additives (CCFA)
- Food Labelling (CCFL)
- Ad Hoc Task Force on Antimicrobial resistance

IDF was represented and will be represented at respective meetings of these committees. Twelve written submissions to Codex were made between August 2007 and December 2007. The complete list of IDF submissions to Codex, including some which became working documents for the forthcoming 8th Session of CCMMP, 4-8 February 2008, is available in Appendix 1 to this report.

The current focus is on the preparation of IDF input to the 8th Session of CCMMP. The following items are of topical interest to the dairy sector requiring active IDF input:

- Matters referred – clarification of the type of annatto extracts and the basis for the acceptable maximum use levels for annatto extracts in Codex standards for cheeses and butter,
- Draft Model Export Certificate for Milk and Milk Products (CCMMP Working Group meeting will be held prior to the plenary session),
- Proposed draft Amendment to the Codex Standard for Fermented Milks pertaining to Composite Fermented Milk Drinks,

- Proposed Draft Standard for Processed Cheese,
- Proposed Draft Amendment to the List of Additives of the Codex Standard for Creams and Prepared Creams,
- Additive Listings for the Codex Standard for Fermented Milks (flavoured fermented milks),
- Discussion Paper on sampling plans for milk products in presence of significant measurement error,
- Methods of Analysis and Sampling for Milk and Milk Products.

4.3 Methods of Analysis and Sampling

The preparations for the organization of the forthcoming IDF/ISO Analytical Week, in Montreux, 19-23 May are progressing. A website will be available by the end of the year. The schedule of meetings will be communicated in early 2008.

A new and complex area of work on “Analytical Strategies” will be introduced in the course of 2008. The IDF/ISO Methods Standards Steering Group will discuss the item and provide direction and guidance at an extraordinary meeting in February 2008.

4.4 Nutrition

The Standing Committee on Nutrition and Health Strategic has finalized its Strategic Plan 2007-2009 ‘Delivering good nutrition and health through quality milk and dairy products’ (available from IDF Intranet).

To provide a response to the expected media attention on the ‘AICR/WCRF Second Expert Report: Food, Nutrition, Physical Activity, and the Prevention of Cancer: A Global Perspective’, an advisory document has been prepared and distributed for use by IDF National Committees as deemed appropriate.

A new work item on ‘Dairy fat and CHD’ has been elaborated for review and comment by SPCC prior to voting by IDF National Committee in January/February 2008. If approved, it will likely result in a scientific meeting to present and review draft papers before publication in a peer reviewed journal in 2008.

IDF was represented at the 29th CCNFSDU session during which amongst others, the definition of Dietary Fibre, the application of risk analysis in the work of CCNFSDU, the scientific basis for health claims, and the Codex implementation of the WHO Global Strategy on Diet, physical activity and health were discussed. IDF will follow up by developing comments to be submitted in writing.

SCNH has finalized an IDF Draft Position on Nutrient Profiling, which has been sent to IDF National Committees for comment and approval prior to submission to other organisations such as EFSA.

The news IDF Dairy Nutrition Website will be launched in due course.

5 NEW WORK ITEMS AND FUTURE IDF EVENTS ADOPTED

List of IDF new work items adopted since August 2007

Ref. No.	Title
07/05	Cheese and processed cheese - Determination of nitrogenous fractions
07/06	Interpretation of mastitis terminology (up-date of Bulletin of IDF N° 338/1999)

Following PCC/SPCC approval, four new events have been added to the schedule of future IDF events:

- IDF/ILSI Europe Workshop on Probiotics, 22-24 May 2008, Montreux, Switzerland
- IDF/DIAA Conference on Functional Dairy Foods, February 2009, Melbourne, Australia
- IDF/ISO Analytical Week, 18-22 May, Kislovodsk, Russia
- IDF/ISO Analytical Week, May 2010, Canada

SPCC is currently reviewing a proposed candidate IDF event “IDF Symposia on Science and Technology of Fermented Milk and Microstructure of Dairy Products” to be organized in Norway in 2010.

The list of all approved future IDF events can be found in Appendix 2 to this report.

APPENDIX 1 -LIST OF IDF SUBMISSIONS TO CODEX

Codex Committee	Item
Food Additives	IDF comments on food additives provisions for the GSFA (CL 2007/28 FA)
Food Additives	IDF Comments to electronic Working Group on Discussion paper on Guidelines for Processing Aids (CCFA)
Food Hygiene	IDF Comments On Proposed Draft Code Of Hygienic Practice For Powdered Formulae For Infants And Young Children At Step 3 (CX-FH 07-39-4)
Food Hygiene	IDF Comments On Proposed Draft Guidelines For The Validation Of Food Safety Control Measures At Step 3 (CX-FH 07-39-5)
Food Hygiene	Proposed Draft Microbiological Criteria For <i>Listeria Monocytogenes</i> In Ready-To-Eat Foods At Step 3 (CX-FH 07-39-6)
Milk and Milk Products	IDF Comments at Step 6 of the Procedure on the draft Model Export Certificate (CL 2006/36 MMP)
Milk and Milk Products	Proposed draft Amendment to the List of Additives of the Codex Standard for Creams and Prepared Creams prepared by IDF (CX/MMP 08/8/6)
Milk and Milk Products	IDF comments to CX/MMP 08/8/5 Proposed Draft Standard for Processed Cheeses (CX/MMP 08/8/5)
Milk and Milk Products	IDF-ISO report to 8th Session of CCMMP February 2008 (CX/MMP 08/8/10)
Milk and Milk Products	Revision IDF Comments to CL 2006 36 MMP
Milk and Milk Products	IDF comments to CXMMP 08-8-7 Additive Listings For The Codex Standard For Fermented Milks (Flavoured Fermented Milks), CXMMP 08-8-7
Pesticide Residues	IDF Comments to CL 2007-15 PR Part C 3 analytical determination of fat-soluble pesticides in milk and milk fat (CL 2007-15 PR)

APPENDIX 2 - LIST OF APPROVED FUTURE IDF EVENTS

2008

- 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 City, Canada
- IDF/ISO Analytical Week, 19-23 May 2008, Montreux, Switzerland
- IDF/ILSI Europe Workshop on Probiotics, 22-24 May 2008, Montreux, Switzerland
- First IDF Dairy Farming Summit, 25-27 June 2008, Edinburgh, United Kingdom
- IDF/INRA First International Symposium on Minerals and Dairy Products, 1-3 October, Saint-Malo, France
- IDF World Dairy Summit Mexico, 9-14 November 2008, Mexico City, Mexico

2009

- IDF/DIAA Conference on Functional Dairy Foods, February 2009, Melbourne, Australia
- IDF/ISO Analytical Week, 18-22 May, Kislovodsk, Russia
- IDF Regional Symposium on Dairy-based Infant Formulas and Fermented Milks, June 2009, Huhhot, China
- IDF World Dairy Summit, September 2009, Berlin, Germany

2010

- IDF 5th International Mastitis Conference, March 2010, Christchurch, New Zealand
- IDF/ISO Analytical Week, May* 2010, Canada