



Participation of the SA dairy industry and its projects via SANCIDF

(PRJ-0139-2017)

South African National Committee of IDF -

Year 2017 (January 2017 till December 2017)

Project goals

Goal 1 - Review SA Representatives on IDF bodies (SC's, AT's etc)

Achievements

Prof Piet Jooste, member of Standing Committee on Residues and Chemical Contaminants retired and a new member of this SC must still be appointed. Dr Chris van Dijk requested to become a member of the Task Force on Anti Microbial Resistance (TF-AMR) and he was duly appointed to the TF

No Non-achievements / underperformance has been reported

Goal 2 - Ensure appropriate and timely inputs by SANCIDF and SA representatives on IDF bodies to IDF

Achievements

Six questionnaires were received and replied to during this year. They were:

IDF Quest 0117 Cheese — Determination of propionic acid level by chromatography — Part 1: Method by gas chromatography

IDF Quest 0217 — Determination of propionic acid level by chromatography — Part 2: Method by ion exchange chromatography

IDF Quest 0317/ SC AMC ISO DIS 15151|IDF 229 C17 - Milk, milk products, infant formula and adult nutritionals — Determination of minerals and trace elements — Inductively coupled plasma atomic emission spectrometry (ICP-AES) method.

IDF Quest 0417/SC AMC ISO DIS 21422 | IDF 242 - Milk, milk products, infant formula and adult nutritionals - Determination of chloride - Potentiometric titration method

IDF Quest Q 0517 SC AMC ISO DIS 21424 IDF 243 - Milk, milk products, infant formula and adult nutritionals - Determination of minerals and trace elements - Inductively coupled plasma mass spectrometry (ICP-MS) method.

IDF Quest 0617 SC AMC ISO DIS 17678 | IDF 202 - Milk and milk products — Determination of milk fat purity by gas chromatographic analysis of triglycerides (Reference method).

The following New Work Items were received, replied to and adopted by IDF for 2017:

17/01: SCAMC Revision of ISO 6091|IDF 86 Dried milk – Determination of titratable acidity and extension of its scope to raw milk

17/02: SCAMC Guidance on practical application of IDF/ISO standard on determination of milk purity

17/03: SCHMM Revision of ISO 6887-5 (draft available) - microbiology preparation of samples

for milk and milk products

17/04: SCAMPAL Fluorometric Method for Alkaline phosphatase determination (draft available)

Appendix

17/05: SCSA Revision ISO 16297|IDF 161

17/06: SCSA Revision of ISO 22935|IDF 99 sensory analysis

17/07: SCSA Guidelines for the application of near infrared spectrometry (extension of ISO 21543|IDF201: 2006) (draft available)

17/08: SCAMAC Adoption of CEN standard on melamine as ISO/IDF standard

17/09: SCAHW IDF Guide to good animal welfare practices in dairy production 2.0

17/10: SCNH-SCENV IDF Nutrition and Sustainability Information Hub

17/11: SCAMC Revision of ISO/TS 22113|IDF/RM 204 Milk and milk products – Determination of titratable acidity of the fat

17/12: SC AMC Quantification of individual proteins in milk and milk products

No Non-achievements / underperformance has been reported

Goal 3 - Inform dairy industry role-players of IDF publications in The Dairy Mail and Milk Essay

Achievements

Articles about the following Bulletins were published in The Dairy Mail during the year:

486/2017 - IDF guide to water footprint methodology

487/ 2017 - IDF Global Marketing Trends, Understanding Changes in Global Dairy Consumption.

488/2017 - The IDF Guide on Biodiversity for the Dairy Sector

Bulletins 489/2017 and 490/2017 received during the last quarter, will be mentioned in the February or March 2018 issues.

Four new standards were mentioned in The Dairy Mail

ISO 22964 - Microbiology of the food chain - Horizontal method for the detection of Cronobacter spp

ISO 6579 - Microbiology of the food chain - Horizontal method for the detection, enumeration and serotyping of Salmonella - Part 1: Detection of Salmonella spp

ISO/ TS 19046-1| IDF/ RM 233-1: 2017 - Cheese - Determination of propionic acid level by chromatography - Part 1: Method by gas chromatography

ISO/ TS 19046-2 | IDF/ RM 233-2: 2017 - Cheese - Determination of propionic acid level by chromatography - Part 1: Method by ion exchange chromatography

Five Fact Sheets were also published in The Dairy Mail. They were:

Escherichia coli as indicator in cheese processing

Bacillus cereus in milk and dairy products

Raw milk cheeses

The Importance of Salt in the Manufacture of Cheese

Why Galactose is Good for You

The following IDF publications were mentioned in the August issue of the Dairy Mail:

SSAFE Global Dairy Farming Food Safety Training Framework

Guidance on Antimicrobial Resistance from the Dairy Sector

No Non-achievements / underperformance has been reported

Goal 4 - Make information produced by the IDF (Bulletins, Standards and Newsletters) available to levy payers and the general public

Achievements

Apart from the Bulletins, Standards and fact sheets mentioned under goal 3, the following, other publications were also received during 2017.

NB113: The message from Director General was on DNA sequencing. This issue also featured IDF technical support on the development of the ISO Standard on “natural ingredients” as well as the IDF-USP collaboration on the development of screening tools for detecting adulteration of milk. IDF National Committees have approved twelve new work items. IDF has released the Guide to Water Footprint Methodology for the Dairy Sector, and new factsheets on the importance of salt in the manufacturing and ripening of cheese and on why galactose is good for you. Last but not least, the website of the IDF WDS in Belfast is now live and registration for the IDF/ISO Analytical Week 2017, in Madison, US, is now open!

NB 114 -This issue reports about IDF’s technical support at the meeting of the Codex Committee on Food Additives, as well as an update of the work of the Standing Committee on Environment and of the Standing Committee on Dairy Policies and Economics.!

NB 115 - In this issue you will find the outcome of the IDF/ISO Analytical Week 2017 as well as an update of the meetings of the Global Agenda for Sustainable Livestock and of the World Assembly of OIE Delegates. IDF advanced its work on standards at 38th session of Codex Committee on Methods of Analysis and Sampling, and published a guidance document on antimicrobial resistance from the dairy sector.

NB 116-In this issue there were reports on the outcome of the 40th Codex Alimentarius Commission as well as an update of the meetings of the IDF Science and Programme Coordination Committee and of the IDF Standing Committee on Nutrition and Health. IDF was present at the International Milk Promotion and Global Dairy Platform marketing meetings in Oslo and at NutrEvent in Lille. IDF and ICAR are continuing their collaboration on a reference system for somatic cell counting. Since our last Newsbrief, seven additional countries have endorsed the Dairy Declaration of Rotterdam.

NB 117:IDF welcomed Paraguay in the membership of the Federation. Five new countries signed the Dairy Declaration of Rotterdam and there was an update of the annual meetings of LEAP and AOAC International. While a final countdown has started for the IDF World Dairy Summit 2017 in Belfast, registrations were open for the 1st IDF Symposium The Role of Dairy in Sustainable Diets, 1-2 February 2018 in Seville, Spain.

NB 118: IDF participated on behalf of the dairy sector at 44th Codex Committee on Food Labeling and at the 49th Codex Committee on Food Hygiene. Antimicrobial resistance (AMR) guidance from the dairy sector was showcased at the United Nations meeting at the OIE and during the Codex Antibiotic Awareness Week. Commitment of the Dairy Sector with Climate Change was showcased during the COP23. This issue also contained highlights of the progress made in the IDF Standing Committees and other working groups during the IDF World Dairy Summit in Belfast. The IDF flagship publication, the World Dairy Situation Report 2017, and the IDF Annual Report 2016-2017 are now available

News Alerts

Dairy committed to its global nutrition and environmental goals.

Dairy must confront the risk of protein becoming next frontier in nutrition debate.

Global dairy leaders call for united approach on consumer confidence.

European and US sectors lead milk production recovery .

Brexit challenges highlighted at IDF World Dairy Summit.

Dairy highlighted as key food for sports nutrition.

The Role of Dairy on Sustainable Diets - Creating New Approaches.

Dairy sector continues to grow emerging market footprint.

Dairy industry pushing forward to commercialise science and drive.

Press Releases.

A new standard on dairy permeate powders adopted at Codex

The International Dairy Federation celebrates World School Milk Day 2017.

WDS 2017 e-mail newsletters

Announcement that the IDFWDS2017 call for posters is officially open!

Reminder that poster submissions for IDFWDS2017 will remain open until Monday, 22nd May.

Due to the high level of interest that the poster submissions have generated for IDFWDS2017, the deadline for submitting a poster for the Summit has been extended to Monday 31st July 2017.

Learn more about the summit programme: Tuesday 31st October - Dairy Policy & Economics, Nutrition, & Marketing.

Learn more about the summit programme: Wednesday 1st November - Food safety, Animal Health & Welfare, and Dairy Science & Technology

Learn more about the summit programme: Thursday 2nd November - Sustainability, Farm Management, AMR and Emerging topics.

Belfast, 29th October – 3rd November Join us in Belfast for the IDF World Dairy Summit 2017!
The IDF Forum: Making a difference with dairy Monday 30th October, Belfast.
IDF WDS conference streams. Tuesday 31th October, Belfast
IDF World Dairy Leaders Forum. Monday 30th October, Belfast
IDF WDS conference streams. Tuesday 31th October, Belfast

No Non-achievements / underperformance has been reported

Goal 5 - Publish titles of the IDF Bulletins, Standards and News Releases on the Milk SA Website

Achievements

All the Bulletins, Standards, News Briefs, Fact Sheets and Newsletters mentioned under Goal 4 were all published on the Milk SA website.

No Non-achievements / underperformance has been reported

Goal 6 - Ensure that general issues are brought to the attention of the IDF

Achievements

The SANCIDF responded to an invitation from IDF for countries to host World Dairy Summit 2020 and our submission was accepted by the IDF Board. It was then recommended to the General Assembly during WDS 2017 where SA's invitation to host WDS 2020 was accepted. It is planned to form an organizing committee early in 2018.

No Non-achievements / underperformance has been reported

Goal 7 - Promote the forthcoming World Dairy Summit (Belfast, Ireland) amongst dairy industry role-players

Achievements

An article titled "Make a difference with dairy" about the IDF world dairy summit 2017, was published in the March issue of The Dairy Mail. An e-mail Newsletter about the Poster submissions being open, was also circulated to SANCIDF members and SC members. An article about WDS 2017 was sent to Milk Essay on 29 June 2017 which was published in the next issue. Ten e-mail newsletters were received during the year and all were forwarded to industry representatives and all standing committee members as well as associate members of SANCIDF

No Non-achievements / underperformance has been reported

Goal 8 - Give meaningful feed-back of the latest WDS to the local dairy industry

Achievements

Reports as prescribed in their agreements with SANCIDF were received from all delegates to WDS 2017. These reports were published in abbreviated, printed format as well as electronic format on industry websites. An overview of the Summit, to which all delegates contributed, was presented to the Milk SA general meeting in December 2017

No Non-achievements / underperformance has been reported

Goal 9 - Obtain annual reports from South African representatives on IDF bodies (Standing Committees, Action Teams, etc)

Achievements

Eleven reports of IDF-body representatives were tabled at the SANCIDF AGM and were attached to the first quarter report.

Non-achievements / underperformance

N/A

Reasons for non-achievements / underperformance

N/A

Planned remedies for non-achievements / underperformance

N/A

Goal 10 - To maintain membership of IDF to the benefit of the South African dairy industry

Achievements

IDF membership for South Africa amounted to Euro 38 100 for 2017. Due to expectations that the Rand will weaken, IDF was requested to submit an invoice as soon as possible after the fee was fixed at WDS 2016. This invoice was sent on 31 October 2016 and, with the kind assistance of Milk SA who provided an advance, was paid on 14 November 2016. A saving of R39 811 against budget was made. A brochure indicating the benefits of IDF membership was produced and distributed at the SA Society for Dairy Technology conference as well as at the SA Large Herds Conference. A copy was attached to the 2nd quarter report

No Non-achievements / underperformance has been reported

Goal 11 - To liaise with IDF re sustainability and environment by providing input from SA and communicating information from IDF to the SA industry.

Achievements

The following actions were taken during the year:

Documents attended to:

Life Cycle Assessment Development Monitoring Group: They monitor and track developments in

LCA, including sequestration and data sources and published a revised guidance document in 2015, which is useful for member countries that want to do LCA's for their dairy industries. We have done work on GHG emissions, but not a LCA as yet.

Biodiversity and the Dairy Sector: A survey was done on biodiversity across the globe as it is influenced by dairy activities and a document compiled to which the author gave input. The final draft was published in May 2017.

Innovative Practices for Eco-friendly Dairy Processing: A series of IDF fact sheets are published at regular intervals on relevant topics.

Dairy Nutrition and Environmental Sustainability: The objective is to strengthen the case supporting the essential role of milk and dairy products as part of a healthy diet, despite a higher environmental cost than many plant-based food commodities. The resource document "Sustainable Dairy Nutrients are Essential for Human Health" is being updated and a Nutrition and Sustainability Central Information Hub has been created.

A new work item was proposed for the yearly report *IDF Dairy Sustainability*, and members were requested to indicate whether they approve that the work should be initiated and whether they want to contribute with an article on the described sections. I supported the initiative as I think it will be valuable to have an umbrella initiative to inform and supplement work in individual countries. I also indicated that at some stage when we have information I would like to contribute to the 'Research Report'.

Dairy Sector goals to safeguard environmental resources - initiatives & targets: Assistance was requested to review an information document on how dairy safeguards the environment (from an IDF perspective). A survey of examples was also requested. I commented and also completed the 'monkey survey'.

Comments and suggestions were requested on the so-called 10YFP Programme which is a logo for the "Global Action for Sustainable Consumption and Production". A request was also for countries to affiliate associated projects with the programme, but the SA Dairy Industry currently does not have suitable projects to be aligned. This is expected to change in 2018.

The IDF-DSF requested feedback from countries on country surveys and monitoring on what they refer to as "Status Assessment of High Level Indicator Reporting Metrics". These are on-farm metrics relating to sustainability such as soil nutrients, soil quality & retention, biodiversity, water availability & quality, and working conditions. In some countries these variables are regularly monitored on their dairy farms. We currently do not have such a programme and therefore I in collaboration with the US and other institutions have proposed an R & D programme to initiate such a monitoring initiative.

Comments and suggestions were requested by the IDF on the "Guidelines for environmental quantification of nutrient flows and impact assessment in livestock supply chains" of the Livestock Environmental Assessment and Performance (LEAP) Partnership, FAO, Rome, Italy. Since I have previously made comments on the contents, I only did some editing which was a daunting task in itself.

One of IDF's priority items is to establish a work plan for the dairy sector to be engaged in the sustainable food system dialogue. The goal is for the IDF and IDF members to be able to engage in this dialogue with coherent messages to ensure an appropriate role of dairy in sustainable food systems. As part of this work, the Work Group on Dairy Nutrition and Sustainability wanted to gather information on all types of initiatives dealing with dairy/food nutrition and sustainability. Such information could be about any kind of initiatives, including research papers, corporate/association/country projects, as well as conferences. These projects can be at any stage of development (e.g. beginning, end or revision). All projects will be compiled in a hub on the internal intranet of IDF. I provided a survey.

Work items of the SCENV:

I supported the proposal to the IDF for the new work item: "Nutrition and Sustainability Information Hub", which endeavours to gather relevant information on the topics and add further information as it becomes available.

I commented on a paper entitled: "Losses, inefficiencies and waste in the global food system", which was requested by the President of the IDF.

I have also commented on the antimicrobial resistance (AMR) perspectives of the IDF as summarised in the four documents:

IDF TF AMR Communication strategy for the IDF Task Force on antimicrobial resistance
IDF TF AMR External reference document
IDF TF AMR Draft internal reference document
IDF TF AMR Questions and Answers

No Non-achievements / underperformance has been reported

Income and expenditure statement

Income and expenditure statement	finstate MSA PRJ0139 20180228.pdf
Unnecessary spending during period	No

Popular Report

[msa_year 2017 popular report.pdf](#)

Additional documentation

No file has been uploaded

Statement

Levy funds were applied only for the purposes stated in the contract	Yes
Levy funds were applied in an appropriate and accountable manner	Yes
Sufficient management and internal control systems were in place to adequately control the project and accurately account for the project expenditure	Yes
The information provided in the report is correct	Yes