



## **QUALITY OF MILK AND OTHER DAIRY PRODUCTS**

(PRJ-0049-2014)

### **DAIRY STANDARD AGENCY -**

**Quarter 1 2014** (January 2014 till March 2014)

#### **Project goals**

##### **Goal 1 - National milk monitoring in collaboration with health authorities**

###### ***Achievements***

The quarterly sample run for cycle 48 was completed as per predetermined schedule. 316 milk samples, 52 drinking yoghurt samples, 28 fruit yoghurt samples, 48 flavoured/plain yoghurt samples, 14 buttermilk samples and 116 cultured milk/Amazi samples were analysed in order to determine compliance to regulatory specifications. 5 Metropolitan Municipalities, 12 District Municipalities and 52 Local Municipalities participated in the sampling runs representing all provinces.

Samples were submitted to Lactolab, which is an authorised laboratory in terms of the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act 54 of 1972). Numbering system of submitted samples as well as the sample preparation procedure followed by the laboratory compliment the objective testing of all samples.

As per procedure results of fresh milk, yoghurt, buttermilk and cultured milk were benchmarked against food safety, compositional and trade metrology standards as respectively gazetted under the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act 54 of 1972), Agricultural Product Standards Act, 1990 (Act 119 of 1990) and the Trade Metrology Act, 1973, (Act 77 of 1973).

Sample results were e-mailed and faxed respectively to participating authorities and contact details of participating authorities as well as processors were updated. As per request by processors, results were communicated via post or e-mail as preferred methods of communication media.

The collection of contact information of processing facilities is an on-going process. Letters and request of updating contact details have been communicated to all processors. Non-conforming results obtained were assessed and was communicated via post to the processors. Non-conformance reports regarding Cycle 48: >2% Added Water, Inhibitory Substance Positive, Phosphatase positive & E.coli Positive were forwarded to the relevant authorities for further action.

***No Non-achievements / underperformance has been reported***

##### **Goal 2 - Investigations regarding complaints received i.r.o. product compliance with legal standards**

## **Achievements**

1st Quarter of 2012

Investigations regarding complaints were initiated on:

- Composition of ice cream sold Gauteng province
- Added inhibitory substances to milk sold in North West (follow-up on previous complaint)

All complaints were documented. The investigation on the composition of ice-cream is not finalised due to lack of prima facie evidence.

## **No Non-achievements / underperformance has been reported**

### **Goal 3 - Special investigations**

#### **Achievements**

No special investigations were initiated during the first quarter of 2014. Special investigations as per the DSA project plan include heavy metals in final dairy products which are scheduled during the last two quarters of the year.

#### **Non-achievements / underperformance**

Feedback on micro-analysis done on samples submitted to the University of Pretoria, with special reference to pathogenic analysis, is pending.

#### **Reasons for non-achievements / underperformance**

Due to the nature of the work done it is expected that project completion is to take place during the third quarter of 2014

#### **Planned remedies for non-achievements / underperformance**

DSA is in regular contact with the project manager at UP

### **Goal 4 - Milk and other dairy product risk identification**

#### **Achievements**

A report was submitted to Milk SA on cycle 48. Reports on non-conforming results were presented to the respective Government Departments at the end of Cycle 48. Each participating municipality received a quarterly report on the analysis done of samples submitted. Non-conforming processors as well as processors of whose contact details were verified and who applied to receive results were submitted with quarterly reports.

The DSA national milk and other dairy product monitoring program provides for the sampling of the categories namely packed pasteurised and unpasteurised milk and retail bulk pasteurised and unpasteurised milk. A decrease in compliance in all four categories were noted as discussed in the National Dairy Monitoring Report to Milk SA.

Relevant information regarding food safety and compositional standards for milk and other dairy products were communicated to the dairy industry and other organisations.

## NATIONAL AND INTERNATIONAL DAIRY FOOD SAFETY RISK AND RECALL MONITORING

International food risk monitoring - The following websites and web feeds (Rich Site Summary) were monitored on a weekly basis for possible food scares that might affect the local dairy industry:

- www.foodproductiondaily.com
- www.dairyreporter.com
- FSA newsletters and alerts
- Dairy Markets monthly newsletter
- www.fda.gov/Safety/Recalls/
- www.foodqualitynews.com/...Alerts/
- www.foodqualitynews.com/Food-Alerts/New-evidence-calms
- www.dairysafe.vic.gov.au/
- www.foodsafety.gov
- www.thefoodsafetynetwork
- International Food Safety Authorities Network (INFOSAN)
- European Union Rapid Alert System for Food and Feed (RASFF) – newsletters
- Google Alert - food poisoning; Food Production Daily
- www.foodpoisonjournal.com;
- www.foodsafetynews.com;
- www.recalls.gov.au; efoodalert.net;
- www.fastmoving.co.za

Regular communication between DSA personnel members took place on this project. All of the food safety incidents reported were not a direct risk to the South African milk industry.

## **No Non-achievements / underperformance has been reported**

### **Goal 5 - Remedial action programmes with producers / processors / producer-distributors**

#### ***Achievements***

All non-conforming results obtained through analysis of samples submitted by EHP's for the period January to March 2014 were communicated to processors and PD's by post or e-mail as well as via EHP's in the case where contact details were not available on the system. Letters were sent to processors and PD's in the case where any of the 11 analysis per sample indicates a major non-compliance with the standard as defined in the applicable regulations.

Non-conforming brands were identified and included in the list of facilities to be visited as part of the remedial action program. The work procedure and all documentation to be used before, during and after visits were revised. Planning for visits to be undertaken was concluded and the first visits to facilities in Gauteng, North West, Western Cape and Limpopo will commence during May.

Planning

#### ***Non-achievements / underperformance***

Remedial action work takes place in the quarters following the period Jan tot March 2014.

#### ***Reasons for non-achievements / underperformance***

Remedial action work takes place in the quarters following the period Jan tot March 2014.

#### ***Planned remedies for non-achievements / underperformance***

Nil

R O G Total P1.5 Visits  
Province C48 C49 C50 C51 % Visits completed  
EC 7 1 12 20 9  
FS 11 5 10 26 16  
GA 31 5 30 66 36  
KZ 12 3 11 26 15  
LP 9 3 9 21 12  
MP 7 2 12 21 9  
NC 0 0 1 1 0  
NW 14 2 5 21 16  
WC 3 1 15 19 4

## **Goal 6 - Communication with authorities and other organizations**

### ***Achievements***

Communication with authorities and other organisations

#### a. Department of Health: Directorate Food Control

The DSA participated in the first Food Legislative Advisory Group (Directorate Food Control) meeting for 2014.

#### b. Municipal Health Authorities

Communication with the municipal health authorities based on information obtained from project 1.1 were completed with reference to category A infringements relating inhibitory substances, E.coli, phosphatase positive results. Facilitation of remedial action regarding the sale of substandard milk and other dairy products are followed up with strategic meetings at district municipality level. Specific attention was given to adulteration of milk with chemicals by a facility in North West province. The matter is closely monitored in view of the likelihood of the infringement being repeated.

#### d. Department of Agriculture, Forestry and Fisheries (DAFF)

##### i) Directorate: Inspection Services (IS)

DSA Managing Director served as chairman of an appeal board of DAFF during a hearing regarding R2581 related matters. Cycle 48 results were communicated to the Guardian Manager for the APS Task Team of the Directorate regarding infringements in terms of the Regulations relating to dairy and imitation dairy products. Misleading claims and incorrect composition and labelling of dairy products continued to serve as priority.

##### ii) Directorate Food Safety and Quality Assurance – FSQA (policy making)

Communication with FSQA included discussions regarding geographical names of cheese products, labelling of milk and other dairy products and dispensation on labelling of cheese products.

##### iii) Directorate Animal Health

DSA participated in the process of review of the Veterinary Procedural Notice 20 due to changes in legislation. Inputs to the reviewed VPN were forwarded to the Directorate Animal Health. This work is not yet completed as final feedback from DAFF is awaited. Positive results relating to inhibitory substances detected during the cycle 48 run were communicated to the department as part of collaboration on chemical residue control.

#### e. NRCS (National Regulator for Compulsory Specifications) : Legal Metrology

The DSA is in regular liaison with the Senior Manager, inspections: Legal Metrology. A quarterly report regarding metrology infringements was forwarded to the NRCS ending cycle 48 as per standard agreement.

e. Perishable Product Export Control Board (PPECB)

DSA played a facilitation role between PPECB and stakeholders in the dairy industry regarding export requirements.

f. SABS (South African Bureau of Standards)

DSA serves on the Technical Committee 1038: Dairy Standards, Sub-Committee 70D: Legal Metrology - sale of goods as well as giving inputs in the technical committee 1025 Hygiene practises in the food industry. Due to time constraints one scheduled meeting could not be attended during the first quarter of 2014

Communication with other organisations

DSA attended where possible Milk SA Advisory Committee meetings on which it serves and also interacted on a regular basis with the project managers of the Milk SA Consumer Education Project and SAMPRO Training. Regular assistance to SAMPRO and MPO members regarding food safety and product compositional standards is continuous.

CGCSA - Food Safety Initiative: scheduled meetings with the newly appointed manager of the Food Safety Initiative regarding the proposed retail food safety audit (Global Market System) and the position and role of the DSA in the context of the proposed system continued. DSA personnel attended the training sessions Global Market Capacity Building Programme of the FSI during the first quarter of 2014.

IDF – DSA as member of the Standing Committee: Food labelling and Terminology attended and provided inputs at the SANCIDF meeting. together with the representative of DAFF.

LHPG – DSA engaged in talks with the management of the Livestock Health Advisory Group to assist rural veterinary surgeons to better understand the promotion of the improvement of raw milk and herd health with the view on export certification.

SASDT - DSA as elected member of the management of SASDT Northern division participated in the planning of the 2014 SASDT Symposium planning that is to take place in April 2014.

SANCU - DSA communicates with the SA National Consumer Union regarding food safety and quality related issues as required.

SAAFoST – DSA attends the general meetings of SAAFOST on an ad hoc basis subject to agenda discussions.

## ***No Non-achievements / underperformance has been reported***

### **Goal 7 - Liaison with authorities and other organizations**

#### ***Achievements***

DSA liaised with the authorities regarding the following legislation and standards:

1. Food Control Legislation

- Information regarding regulations:
  - o New regulation R733 of 2013: Sweetener Regulation, linked to the Global Standard for Food Additives (GFSA)
  - o Food for Infants: R991/2012 replaces R1330/1994 – Final published regulation takes effect in

December 2013

o Reduction of Salt in Foodstuffs: R214/2012 – First effective date – 2016.

- New regulations to be drafted or amended
- o New: Hygiene Regulations – Draft to be published in 2014.
- o New: Microbiological Standards (with micro criteria)
- o Amendment: HACCP listing (Milk)
- o Amendment: Milk & Milk Products (to possibly include UV Treatment)
- o New: Nutrient Profiling
- o Amendment: Veterinary Residues
- o Amendment: Pesticide Residues
- o Amendment: Preservatives and Antioxidants
- o Amendment: Contaminants

Nutrient Profiling: Possible amendments

- Health Claims: Awaiting guidance from final publication
- Advertising of food and beverages to children
- Possibly serving sizes

Consumer Protection Act

- GM Labelling
- DNA Profiling – have to incorporate declaration

Codex

- Possible discussion at next session: Standards for Processed Cheese
2. DAFF legislation

Product composition

- Amendment of R2581 relating to dairy and imitation dairy products

3. Department of Trade and Industry

- Liaison on the proposed prohibition of the use of names of products (geographical indicators) in terms of: SADC – EU Economic Partnership Agreement

## ***No Non-achievements / underperformance has been reported***

### **Goal 8 - Information and education**

#### ***Achievements***

No formal information sessions were scheduled for the first quarter of 2014

#### ***Non-achievements / underperformance***

Information and education sessions starts in the second quarter of 2014 to be completed end November 2014

#### ***Reasons for non-achievements / underperformance***

Information and education sessions starts in the second quarter of 2014 to be completed end November 2014

#### ***Planned remedies for non-***

**achievements /  
underperformance**

Nil

**Goal 9 - Media communication**

**Achievements**

DSA has signed formal contracts with Agri Connect and Veeplaas for placing advertorials and advertisements during 2014. DSA also presented on a National Radio station during the first quarter of 2014.

**No Non-achievements / underperformance has been reported**

**Goal 10 - Development of guideline documentation**

**Achievements**

DSA continued with the development of the DSA Code of Practice for the secondary industry through its Technical Advisory Committee. The DSA Guideline for the Labelling of Dairy Products was completed and prepared for launch at the SASDT 2014 symposium.

**Non-achievements /  
underperformance**

The delay experienced in the progress of the development of the COP for the secondary industry is mainly due to legislation and voluntary standards in the process of review.

**Reasons for non-  
achievements /  
underperformance**

The delay experienced in the progress of the development of the COP for the secondary industry is mainly due to legislation and voluntary standards in the process of review.

**Planned remedies for non-  
achievements /  
underperformance**

Nil

**Income and expenditure statement**

Income and expenditure statement	<a href="#">Bestuurstate Maart 2014.pdf</a>
Unnecessary spending during period	No

**Popular Report**

No file has been uploaded

## Additional documentation

[Kwartaalverslag Jan-Mrt 2014 Stats.doc](#)

### 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