



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

(PRJ-0002-2013)

### **DAIRY STANDARD AGENCY**

**Quarter 2 2013** (April 2013 till June 2013)

#### **Project goals**

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

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

The quarterly sample run for cycle 45 was completed as per predetermined schedule. 458 milk, 84 cream and 45 butter samples were analysed in order to determine compliance with regulatory requirements. Active participation by health authorities registered with the DSA monitoring program continued in the second quarter with 7 metropolitan municipalities, 15 district municipalities inclusive of 56 local municipalities participating in the cycle 45 sampling run representing all 9 provinces. Samples were submitted to Lactolab, of which the analysts are authorized in terms of the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act 54 of 1972). As per procedure, results of fresh milk and other dairy products were benchmarked against food safety, compositional and trade metrology standards (where applicable) 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).

The sample results were e-mailed and faxed respectively to participating authorities and contact details of participating authorities and data of processors were updated. The collection of contact information of processing facilities is an ongoing process.

Sample results were also e-mailed and/or faxed to participating authorities and contact details were updated. Non-conforming results obtained were assessed and communicated via post to the processors. Non-conformance reports regarding Cycle 44: >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***

2nd Quarter of 2013

Investigations regarding complaints were initiated on:

- â€¢ Suspected selling of poor quality and unsafe milk to the public. Gauteng area
- â€¢ Suspected selling of poor quality and unsafe milk to the public. Western Cape area
- â€¢ Food safety related complaint on milk sold in Schweizer-Reineke region (North West)
- â€¢ Adulteration of milk (addition of milk powder / milk powder blend to milk)
- â€¢ Product compositional complaint - Process cheese wedges and dairy spreads

All complaints were documented, investigated and closed out.

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

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

#### ***Achievements***

19 samples of the type ultra pasteurised milk, UHT milk and sterilized milk were collected to be used in the investigation into values for Å-lactoglobulin, lactulose and peroxidase values of milk sold in SA. The samples were submitted to the University of the Free State for analyses. The submission of fresh milk samples will follow during July 2013.

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

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

#### ***Achievements***

Reports on non-conforming results were presented to the respective Government Departments during June 2013. Each municipality received a quarterly report on the analysis done on 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. One hundred sixty four letters were posted.

The DSA national dairy monitoring program provides for the sampling of the categories namely packed pasteurised and unpasteurised milk and retail bulk pasteurised and unpasteurised milk. The categories packed unpasteurised, retail bulk pasteurised and unpasteurised milk reflected a continuous negative compliance rate in critical food safety standards. Relevant information regarding food safety and compositional standards for milk and other dairy products were communicated to the dairy industry and other organisations with which the DSA collaborate. Confirmed cases of E-coli and inhibitory positive results were communicated to the municipal health authorities that sampled the products, 4-5 days after laboratory submission of the samples and to each individual supplier whose product did not conform. Non-conformances other than food safety risks were communicated by means of the same procedure.

A strategic meeting with the Directorate: Food Control took place on 13 June 2013 with reference to a national remedial action plan including review of legislation governing the requirements for handling bulk milk in the retail.

International food risk monitoring - The following websites and electronic communication feeds were monitored on a weekly basis for possible food safety risks that may affect the local dairy industry:

- [www.foodproductiondaily.com](http://www.foodproductiondaily.com)
- [www.dairyreporter.com](http://www.dairyreporter.com)
- FSA newsletters and alerts
- Dairy Markets monthly newsletter
- [www.fda.gov/Safety/Recalls/](http://www.fda.gov/Safety/Recalls/)
- [www.foodqualitynews.com/...Alerts/](http://www.foodqualitynews.com/...Alerts/)

- [www.foodqualitynews.com/Food-Alerts/New-evidence-calms](http://www.foodqualitynews.com/Food-Alerts/New-evidence-calms)
- [www.dairysafe.vic.gov.au/](http://www.dairysafe.vic.gov.au/)
- [www.foodsafety.gov](http://www.foodsafety.gov)
- [www.thefoodsafetynetwork](http://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](http://www.foodpoisonjournal.com);
- [www.foodsafetynews.com](http://www.foodsafetynews.com);
- [www.recalls.gov.au](http://www.recalls.gov.au); [efoodalert.net](http://efoodalert.net);
- [www.fastmoving.co.za](http://www.fastmoving.co.za)

Reported cases of fatality as a result of the presence of pathogenic organisms such as *Campylobacter* in raw milk (offered for sale to the consumer) in international countries raise concern in view of the fact that DSA statistical information indicates very low percentages of compliance with food safety regulations of the categories unpasteurised retail bulk milk. DSA is currently in the process to obtain more information for the purpose of a special investigation in this regard.

## ***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 EHPs for the period April 2013 - June 30 were communicated to processors and PDs by post or e-mail as well as via EHPs in the case where contact details were not available on the system.

Non-conforming brands were identified and the visits to the particular facilities started on the 2nd of April 2013. Focus areas for visits during Cycle 45 were Western Cape and Limpopo followed by newly identified non-conforming brands in Gauteng, North West and Mpumalanga.

41 Facility visits to PDs and processors whose results indicate non-conformances within the past 4 cycle runs were conducted since the 19th of March 2013 to the 27th of June 2013. Potential problem areas in terms of a lack of or non-compliance with PRPs that may contribute to poor results were identified and corrective actions were discussed with the managers of these facilities. Additional information in the form of the DSA guideline documentations were conveyed during the visit and a follow-up report on the day's discussions together with new results were sent via post to each and every facility visited.

Gauteng " 100% Completed  
 Mpumalanga " 18% Completed  
 North West " 2% Completed  
 Western Cape " 100% Completed  
 Limpopo - 52% Completed

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

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

#### ***Achievements***

DSA communication with authorities is highly disciplined and structured by means of formal agreements. The relationships are a testimony of acceptance of DSA as objective expert body which acts with integrity in terms of defined objectives and processes. Establishment and maintenance of functional relationships however, require patience and understanding of the challenging situations facing many officials in the public sector. Matters are dealt with in a sensitive manner as public and alarmistic claims of successes can be counter-productive.

a. Department of Health: Directorate Food Control

The DSA with the assistance of its DSA Technical Advisory Committee compiled a technical report to the Food Legislative Advisory Group (Directorate Food Control) regarding UV treatment of fresh milk. DSA also requested the review of the regulations relating to milk and dairy products as well as review of the regulations governing microbiological standards for foodstuffs and related matters, R692 of 16 May 1997 as amended.

DSA meeting with the Acting Director: Food Control took place at the offices of the DSA on 13 June 2013 regarding assistance of the National Department of Health to address substandard retail bulk milk sales on a national level.

b. Municipal Health Authorities

Communication with the municipal health authorities based on information obtained from project 1.1 are in process 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. Liaison with environmental health officials of the Ekurhuleni Metropolitan Metro, focusing on collaboration of DSA project 1.1 activities served as priority.

c. KZN Provincial and Port Health

Communication between DSA and KZN Port Health regarding import and local manufacturing of imitation dairy products is ongoing and the Directorate Inspection Services of the Department of Agriculture, Forestry and Fisheries are also involved. A scheduled meeting with management took place on 7 June 2013 to address non conformities following project 1.1 activities in KZN 3. Workshops are scheduled to take place 29, 30 and 31 October 2013 in Richards Bay, Ladysmith and Durban.

d. Department of Agriculture, Forestry and Fisheries

i) Directorate: Inspection Services (IS)

Cycle 45 results are in the process of being 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 fermented products (amasi, yoghurt and cheese) continued to serve as priority. A scheduled meeting took place with the Chief Director: Inspection Services with the aim to initiate a special project, allocating DAFF resources to prioritised matters relating to control over milk and other dairy products in the retail industry. The DSA project proposal is to reach the office of DAFF in the second quarter of 2013.

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

Communication with FSQA included discussions regarding compositional standards relating to flavoured milks and fermented milk as well as review of the existing standards relating to dairy and imitation dairy products.

iii) Directorate Animal Health

DSA communicated with the officials responsible for import/export policy regarding the review of the Veterinary Procedural Notice 20 due to changes in legislation. A follow-up meeting took place on 18 June 2013. The draft of the reviewed VPN is to be circulated end July 2013 to the government officials and members of the Milk SA Export Certification work group for comments. Positive results relating to inhibitory substances detected during the cycle 45 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. The second quarterly report regarding metrology infringements will be forwarded to the NRCS after 6 July 2013 as per standard agreement.

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. All relevant information regarding standards as per standard operating procedure is communicated to the dairy industry.

Communication with other organisations

DSA attended the scheduled Milk SA and 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 health and agricultural legislation is continuous.

DSA attended and exhibited at the Large Herds Conference that took place on 3 to 5 June 2013 in KZN.

CGCSA: Food Safety Initiative: scheduled meetings with the 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. The matter served at the DSA Board and finalization of the service level agreement is postponed to the third quarter of 2013.

SASDT - DSA as elected member of the management of SASDT Northern division participates in related matters and give inputs regarding 2014 SASDT Symposium planning that is to take place in April 2014. DSA presented a talk and exhibited at the SASDT symposium that was held in Parys in April 2013. DSA arranged and co-hosted the Northern division meeting that took place on 20 June 2013 at Irene ARC.

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 is an active member of the Food Legislative Advisory Group regarding dairy related matters, in terms of the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act 54 of 1972).

DSA liaised with the authorities regarding the following legislation and standards: Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act 54 of 1972)

- Regulations relating to milk and dairy products (R1555/1997)

Agricultural Product Standard Act, 1990 (Act 119 of 1990)

- Regulations relating to dairy products and imitation dairy products – R2581/1987

- Regulations regarding the classification, packing and marking of edible ices intended for sale in the Republic of South Africa- R78 of 8 February 2013

Non-compulsory South African National Standards - SABS

- SANS 10049:2011 " Edition 4 - Food safety management- requirements for prerequisite programmes (PRPs)

Compulsory South African National Standards - SABS

- SANS 289:2012 " Edition 1.4 - Labelling requirements for pre-packaged products (pre-packages) and general requirements for the sale of goods subject to legal metrology control

All relevant information relating to legislative matters is communicated to the Milk SA: Advisory Committee on Dairy Standards and Regulations, for communication and discussion purposes.

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

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

#### ***Achievements***

Scheduled information sessions during which DSA guideline documentation is used took place at the following tertiary institutions:

Central University of the Free State: 26 April 2013 - 29

Cape Peninsula University of Technology: 6/7 May 2013 - 42

Nelson Mandela Metropolitan University of Technology: 13 May 2013 - 37

University of Johannesburg: 17 May 2013 - 56

Durban University of Technology: 6 June 2013 - 42

Mangosuthu University of Technology: 7 June 2013 " 20

7 June 2013 KZN Provincial Health follow-up meeting took place in Durban to plan the workshops with provincial EHPs™ in Richards Bay, Ladysmith and Durban.

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

### **Goal 9 - Media communication**

#### ***Achievements***

DSA published its first news bulletin in March 2013 which is widely circulated in the dairy industry and to other stakeholders. Advertorials and articles relating dairy technical information were published in the Dairy Mail and Veeplaas magazines. Since March 4 news bulletins were published and the broadcast of a DSA interview regarding dairy product composition took place on national radio on 19 June 2013.

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

### **Goal 10 - Development of guideline documentation**

#### ***Achievements***

***Non-achievements / underperformance***

The review of the first Farmers Code of Practice which is an extension of the first Dairy Standard Agency Code of Practice was initiated and will continue into the third quarter of 2013.

The launch of the latest edition was scheduled for the first week in June 2013 at the SA Large Herds Conference in KZN but postponed to September 2013 due to technical reasons.

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

Completion of consultation process with industry and measures to prevent copyright infringement

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

DSA proceeded with consultation process and negotiation with SABS. Publication date postponed into 3rd quarter of 2013

## Income and expenditure statement

Income and expenditure statement	<a href="#">Mei bestuurstate 2013.pdf</a>
Unnecessary spending during period	No

## Popular Report

No file has been uploaded

## 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