



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

(PRJ-0002-2013)

### **DAIRY STANDARD AGENCY**

**Quarter 1 2013** (January 2013 till March 2013)

#### **Project goals**

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

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

The quarterly sample run for cycle 44 was completed as per predetermined schedule. 388 milk, yoghurt and cultured milk 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 first quarter with 7 metropolitan municipalities, 15 district municipalities inclusive of 58 local municipalities participating in the cycle 44 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 as well processors were updated. The collection of contact information of processing facilities is an on-going 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***

Investigations regarding complaints were initiated on:  
• Suspected selling of poor quality and unsafe milk to the public. WC “area.

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

Nil. Complaints were documented, investigated and closed out.

â€¢ Food safety related complaint on cream sold in Gauteng region.  
â€¢ Incorrect labelling of butter sold in Gauteng region

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

Nil

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

Nil

**Goal 3 - Special investigations**

***Achievements***

Varieties of flavoured milk were collected from the retail and investigated in terms of compliance with the labelling regulations and the regulations governing additives/ingredients in foodstuffs as well as compositional standards under the regulations relating to dairy and imitation dairy products.

The investigation into values for Å-lactoglobulin, lactulose and peroxidase values of milk sold in SA is still in process and additional samples are submitted in the various categories sterilized, UHT, ultra pasteurized and pasteurized milk. Determined values are to be used for publication in the draft regulations relating to dairy and imitation dairy products.

***Non-achievements / underperformance***

Initial delaying problems relating to sourcing a suitable analytical laboratory in South Africa, establishment of correct test methods and obtaining correct standards to be used as controls have been overcome.

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

Nil

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

Nil

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

***Achievements***

Reports on non-conforming results were made available to the respective municipal health authorities, DAFF â€“ Directorate Inspection Services, NRCS inspectorate as well as SARS during March 2013. Participating municipal health authorities each 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.

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 was contaminated. Non-conformances other than food safety risks were communicated by means of the same procedure.

## NATIONAL AND INTERNATIONAL FOOD SAFETY RISK AND RECALL MONITORING

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)

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

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

#### ***Achievements***

All non-conforming results obtained through sample analysis submitted by Environmental Health Practitioners (EHPs) for the period January 2013 to March 2013 were communicated to processors and PDs by post as well as via EHPs in the case where contact details were not available on the system. Letters were sent to processors and PDs in the case where any of the 11 analysis per sample indicated a major deviance from the standards as defined in the applicable regulations.

Non-conforming brands identified during January 2013 resulted in visits to facilities initiated from 30th of January 2013. The visits started in Gauteng followed by Mpumalanga.

26 Facility visits to PDs and processors whose results indicated non-conformances within the past 4 cycle runs were conducted from 30th January 2013 to 18th of March 2013. Potential problem areas in terms of a lack of non-compliance with pre requisite programs, which contribute to poor results, were identified and corrective actions were discussed with the managers of

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

Nil. Expansion of services will commence in the second quarter with the appointment of an additional person beginning April 2013.

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

Nil

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

Nil

these facilities. Additional information in the form of the DSA guideline documentation were conveyed during the visit and follow-up reports on the day's discussions together with new results were sent via post to each and every facility visited. Targets for Gauteng were 100% completed and Mpumalanga 25%.

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

### ***Achievements***

#### 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.

#### 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. Liaison with environmental health officials of the Ekurhuleni Metropolitan Metro, focussing 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 on-going and the Directorate Inspection Services of the Department of Agriculture, Forestry and Fisheries is also involved.

#### d. Department of Agriculture, Forestry and Fisheries

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

Cycle 44 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 fermented products (amasi, yoghurt and cheese) continued to serve as priority. The first meeting of the established labelling workgroup consisting of officials of DAFF, NRCS, CGCSA and DSA took place in March 2013. 109 Product labels were evaluated to determine compliance with the respective regulations with the aim to facilitate remedial action through official complaints to the relevant authorities. 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. Positive results relating to inhibitory substances detected during the cycle 44 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 in March 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 (SOP) 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.

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 second quarter of 2013.

SASDT - DSA as elected member of the management of SASDT Northern division participates in related matters and give inputs regarding 2013 SASDT Symposium planning that is to take place in April 2013.

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 actively participated in the Food Legislative Advisory Group meeting held on 28 February 2013 on 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 Governing General and Hygiene Requirements for Food Premises and the Transport of Food (R.962/2012)
- Regulations relating to milking sheds and the transport of milk (R961/2012)
- Regulations relating to Foodstuffs for Infants and Young Children (R991/2012)
- Regulations relating to the reduction of sodium in certain foodstuffs and related matters (R214 of 20 March 2013)
- 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 â€“ 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 â€“ Edition 4.Food safety management- requirements for prerequisite programmes (PRPs)

Compulsory South African National Standards - SABS

- SANS 289:2012 â€“ Edition 1.4 Labelling requirements for prepackaged products (prepackages) and general requirements for the sale of goods subject to legal metrology control.

All relevant information relating to legislative matters are 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***

No information sessions were scheduled during the first quarter of 2013 due to the planned activities of the seven tertiary institutions involved in the project.

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

No information sessions were scheduled during the first quarter of 2013 due to the planned activities of the seven tertiary institutions involved in the project.

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

No information sessions were scheduled during the first quarter of 2013 due to the planned activities of the seven tertiary institutions involved in the project.

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

Scheduled activities for the second quarter are as follows:

- Central University of the Free State: 26 April 2013
- Cape Peninsula University of Technology: 6/7 May 2013
- Nelson Mandela Metropolitan University of Technology: 13 May 2013
- University of Johannesburg: 17 May 2013

**Goal 9 - Media communication**

***Achievements***

DSA published its first news bulletin in March 2013 which is widely circulated in the dairy industry and other stakeholders.

Advertorials and articles relating dairy technical information were published Dairy Mail and Veeplaas magazines.

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

**Goal 10 - Development of guideline documentation**

***Achievements***

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 second quarter of 2013. The launch of the latest edition is scheduled for the first week in June 2013 at the SA Large Herds Conference in KZN.

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

**Income and expenditure statement**

Income and expenditure statement	<a href="#">Maart 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