



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

(PRJ-0002-2013)

### **DAIRY STANDARD AGENCY**

**Quarter 4 2013** (October 2013 till December 2013)

#### **Project goals**

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

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

The quarterly sample run for cycle 47 was completed as per predetermined schedule. 355 milk samples, 69 UHT milk samples, 9 sterilised milk samples and 28 condensed milk samples were analysed in order to determine compliance to regulatory standards. Active participation by health authorities registered with the DSA monitoring program continued in the fourth quarter with 4 Metropolitan Municipalities, 13 District Municipalities and 54 Local Municipalities participating in the sampling run. 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.

Non-conforming results obtained were assessed and was communicated via post to the processors. Non-conformance reports regarding Cycle 47: >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***

4th Quarter of 2013

Investigations regarding complaints were initiated on:

- Composition of cultured milk of two brands sold in the North West province

The complaint were documented, investigated and closed out.

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

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

#### ***Achievements***

20 cream samples were submitted in December 2013 to determine the values of  $\beta$ -Lactoglobulin. This investigation formed part of the process to determine values for consideration by DAFF in compiling the draft regulations relating to compositional standards relating dairy and imitation dairy products.

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

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

#### ***Achievements***

Reports on non-conforming results were forwarded to the respective Government Departments at the end of Cycle 47. 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. Although the categories packed un-pasteurised, retail bulk pasteurised and un-pasteurised milk showed a slight improvement during Cycle 47 a continuous negative compliance rate in critical food safety standards is still reflected.

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International food risk and recall monitoring - The following websites were monitored on a weekly basis for possible food scares that might 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 analysis of samples submitted by EHP's for the period October – December 2013 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. Focus areas for visits during Cycle 4 were the Free State, Mpumalanga, Eastern Cape and Southern Cape.

71 Facility visits to PD's and processors whose results indicate non-conformances within the past 4 cycle runs were paid since the September 2013. Potential problem areas in terms of a lack of or non-compliance with prerequisite programmes that may contribute to poor results were identified and corrective actions were discussed with the owners/managers of these facilities. Additional information in the form of the DSA guideline documentations were conveyed during the visits and follow-up reports on the day's discussions together with new results were forwarded to each facility visited.

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

Frequencies of visits in KZN and North West were below target.

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

Personnel shortage.

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

Additional contractor appointed on a fixed term contract whom assisted in Gauteng and Mpumalanga. Permanent appointment of additional professional scheduled for 1st quarter 2014.

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

#### ***Achievements***

Communication with authorities and other organisations

a. Department of Health: Directorate Food Control

The DSA through the Food Legislative Advisory Group (Directorate Food Control) continued with the process to review the regulations relating to milk and milk products with specific reference to alternative process methods of treatment of milk such as ultra violet and microwave. The work conducted form part of the Technical Advisory Committee of the DSA.

## b. Municipal Health Authorities

Communication with the municipal health authorities based on information obtained from project 1.1 continued with specific 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.

## c. KZN Provincial and Port Health

Communication between DSA and KZN Port Health is ongoing and actions to address non-conformities following project 1.1 activities were followed up in KZN. Three workshops took place with professional EHP's on 29, 30 and 31 October 2013 in Richards Bay, Ladysmith and Durban.

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

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

Cycle 47 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 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 was forwarded to the Directorate Animal Health and completion is expected in the first quarter of 2014

Positive results relating to inhibitory substances detected during the cycle 47 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 47 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 namely the Subcommittee: Skills Development: Secondary Industry; Advisory Committee: Research & Development; Advisory Committee: Dairy Regulations & Standards; Task Team on Export Certification; Research & Development Work Groups; R & D WG on Food Safety &

Quality. DSA also interacted with the Institute for Dairy Technology (IDT) regarding the integration and use of the DSA Code of Practice for Milk Producers during IDT training sessions for milk handlers. DSA also continuously interacted 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.

Subcommittee: Skills Development: Secondary Industry;

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 the service level agreement was finalised to continue with benchmarking with GFSI standards. The first meeting took place on 14 October 2013. Further discussions continued with representatives of Global G.A.P. as roleplayer in the Global Market System food safety audit scheme.

IDF – DSA has been elected by SANCIDF to serve on the Standing Committee: Food labelling and Terminology together with representatives of DAFF.

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.

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.

AFMA – DSA liaised with the Executive Director of the Animal feed manufacturers association on 22 November regarding integrated chain management for food safety in the dairy value chain.

PPECB – DSA liaised with the senior management of PPECB regarding dairy product monitoring for export purposes.

## ***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 discussions 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 Governing General and Hygiene Requirements for Food Premises and the Transport of Food (R962/2012). This recent published regulation is to be reviewed due to technical

- 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)

- Regulations relating to the labelling and advertising of foodstuffs R146 phase 2.

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

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

- DSA participated in a meeting with DTI (Department of trade & industry) regarding matters that will affect the dairy industry in terms of geographical names with specific

reference to cheese.

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.

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

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

#### ***Achievements***

DSA in conjunction with DSA Dairy Quality Club members presented on 17 October 2013 in Howick at dairy seminar on regulatory matters. The seminar was mainly attended by processors and input suppliers.

KZN Provincial Health workshops took place in Richards Bay, Ladysmith and Durban on 29, 30 and 31 October 2013. 208 Professionals which included nutritionists and DAFF personnel attended

DSA facilitated two workshops in Mpumalanga in Nelspruit and Ermelo on 14 and 15 November 2014. 248 EHP's attended.

DSA presented at the Eden District Municipality Health Forum in Riversdal on a synopsis of the dairy regulatory environment 29 EHP's attended

DSA participated in an advisory/consultation workshop at the Tshwane University of Technology on 25 November regarding new developments and trends occurring in the dairy industry that may have a direct impact on the training of Environmental Health Practitioners.

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

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

#### ***Achievements***

DSA regularly published news bulletins regarding issues relating to the promotion of the improvement of dairy quality and safety issues. The document is also used to advertise the DSA projects and Dairy Quality Club issues. Advertorials and articles relating to dairy technical information were published in the Dairy Mail and Veeplaas magazines. Two broadcasts on dairy technical information and promoting the DSA Code of Practice took place on national radio.

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

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

#### ***Achievements***

The Code of Practice for Milk Producers which as an extension of the first Dairy Standard Agency Code of Practice was initiated in the first quarter and completed mid-September 2013. The Code of Practice was officially launched on 13 November 2013 at ARC Irene is currently distributed to the organised dairy industry and other stakeholders.

DSA initiated the process of developing a generic labelling chart as well as a guideline document to packers of dairy products and other stakeholders in the dairy industry. The intention is also to assist and promote compliance with Regulation 2581, R146 as well as SANS 289 and

to add value in a collaborative manner between the organised dairy industry, CGCSA and government. The concept documents have been compiled and the first meeting with stakeholders took place on 23 October 2013.

DSA through its Technical Advisory Committee initiated the process of developing the second publication of the DSA Code of Practise for milk processors and dairy manufacturers. This project is to be completed end 2014.

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

## Income and expenditure statement

Income and expenditure statement	<a href="#">Des besuurstade 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