



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

(PRJ-0049-2014)

### **DAIRY STANDARD AGENCY -**

**Quarter 4 2014** (October 2014 till December 2014)

#### **Project goals**

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

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

The quarterly sample run for cycle 51 was completed as per predetermined schedule. 440 milk samples, 65 Condensed milk, 47 Custard and 11 Milk Powder Samples were analysed in order to determine compliance to regulatory specifications. 7 Metropolitan Municipalities, 12 District Municipalities and 74 Local Municipalities participated in the sampling runs representing all provinces.

Samples were submitted to Deltamune and Lactolab, which are either SANAS accredited or authorised laboratories in terms of the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act 54 of 1972)

As per procedure results of fresh milk, condensed milk, custard and milk powder were benchmarked against food safety, compositional and trade metrology standards as 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. Non-conforming results obtained were assessed and were communicated to the processors. Non-conformance reports regarding Cycle 51: >2% Added Water, Inhibitory Substance Positive, Phosphatase positive & E.coli Positive were forwarded to the relevant authorities for further action. See Annexure A for a summary of the statistical analyses on milk samples received.

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

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

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

4th Quarter of 2014

Investigations regarding complaints were initiated on:

The use of food colorant in Amazi (ongoing)

Poor quality milk sold in Western Cape

Yoghurt with a chemical smell and taste

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

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

#### ***Achievements***

Testing for additives in cultured milk in progress.

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

DSA was during the last quarter in consultation with University of the Free State regarding the development of an effective analytical method for the colourant Annatto in cultured milk. This project will continue into the first quarter of 2015

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

Development of an analytical method by the University took longer than anticipated due to unavailability of standards.

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

University of the Free State to

continue with development in the first quarter of 2015

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

### ***Achievements***

A report was submitted to Milk SA on cycle 51. Reports on non-conforming results were presented to the respective Government Departments at the end of Cycle 51. 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 where possible.

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. A decrease in compliance in all four categories were noted as discussed in Annexure A (NDMP report). 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 SCARE AND RECALL MONITORING**

International food risk monitoring - The following websites and RSS feeds were monitored on a weekly basis for possible food scares that might affect the local dairy industry:

FSA newsletters and alerts

Dairy Markets monthly newsletter

International Food Safety Authorities Network (INFOSAN)

European Union Rapid Alert System for Food and Feed (RASFF) – newsletters

Google Alert - food poisoning;

Food Production Daily

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

## **Goal 5 - Remedial action programmes with processors and distributors**

### ***Achievements***

All non-conforming results obtained through analysis of samples submitted by EHP's for the

period October to December 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 planned visits to processing facilities and milk shops in Gauteng, Free State, Mpumalanga, North West, Eastern Cape and KZN were concluded. Reports were sent out and continue follow-up action took place where applicable.

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

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

#### ***Achievements***

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

The DSA actively participated in the joint industry – government initiatives to reduce the prevalence of non-communicable diseases in South Africa. DSA participation is a result of these initiatives impact on formulation of government policies and legislative matters e.g. the use of sweeteners and salt as well as other additives in foodstuffs (dairy).

##### **b. Municipal Health Authorities**

Communication with the municipal health authorities based on information obtained from the National Milk and Other Dairy Product Monitoring Programme is ongoing with specific reference to infringements relating inhibitory substances, E.coli, phosphatase positive results. Facilitation of remedial action regarding the sale of sub standard milk and other dairy products are followed up with strategic meetings at district municipality level. This matter has been raised to the level of the South African Local Government Association annual general meeting of Municipal Health Managers on 31 October 2014 during which DSA presented on the role of the DSA and propose intervention strategies to address continual non-conformances.

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

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

DSA's relationship with the DAFF lead to the Managing Director serving as chairman of an appeal board of DAFF during a hearing regarding R2581 related matters. Cycle results regarding infringements in terms of the Regulations relating to dairy and imitation dairy products (relating to the DSA national monitoring program) were communicated to the Guardian Manager for the APS Task Team of the Directorate. Misleading claims and incorrect composition and labelling of dairy products continued to serve as priority. Imitation dairy products and the composition of cheese offered for sale in the hospitality industry is once again prioritised and followed up with the Directorate. A scheduled meeting with the DAFF Guardian Manager took place on 28 October 2014 in this regard and will continue into the final quarter of 2014.

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

Communication with FSQA included dairy product composition queries, requests for dispensations, the draft regulations relating to dairy and imitation dairy products and formalising an amended standard operating procedure for the export of dairy products in conjunction with PPECB and Sampro.

##### **d. 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 50 as per standard agreement.

e. 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. The relationship between DSA and SABS has been further strengthened in view thereof that following liaison SABS representation is established on the development of DSA guideline documentation work groups. DSA actively participates in the drafting of the SANS 1649 Dairy cattle welfare.

f. DEB (Department of Basic education)

DSA is liaising with the department regarding the supply of safe milk and other dairy products in terms of the National School Nutrition Programme.

### **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. DSA rendered services to the Milk SA Transformation project by conducting milking sheds as part of the Commercialisation of black farmer's project. Regular assistance to SAMPRO and MPO members regarding food safety and product compositional standards is continuous.

CGCSA - Food Safety Initiative: Participation of the DSA in the CGCSA: Food Safety Initiative regarding the proposed retail food safety audit (Global Market System) continued.

IDF – DSA regularly communicates with the SANCIDF secretariat and IDF members with specific reference to the Standing Committee: Food labelling and Terminology and Codex Alimentarius dairy related matters.

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 adhoc basis subject to agenda discussions.

SAIEH – DSA attended the national congress of the SA Institute for Environmental Health and presented on the important contribution of the organised dairy industry in terms of self-regulation in terms of dairy food safety and product composition and effective collaboration with law enforcement bodies to ensure improvement of compliance with legal standards.

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

### **Goal 7 - Liaison with authorities and legislation**

#### ***Achievements***

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

i. Food Control Legislation

Food for Infants:R991/2012 replaces R1330/1994 – Newly published guidelines

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

New regulations to be drafted or amended

New: Hygiene Regulations (R962)

New: Microbiological Standards for foodstuffs (with micro criteria)

Amendment of R908: HACCP and the possible listing of dairy in the regulations

Amendment of R508, HACCP and the possible listing of dairy in the regulations.

ii. DAFF legislation - Product composition

Amendment of R2581 relating to dairy and imitation dairy products

Draft regulations relating to the export of animal products

Dispensations in terms of R2581

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

### **Goal 8 - Information and Education**

#### ***Achievements***

DSA serves as a member of the Tshwane University of Technology: Academic Advisory Committee for Environmental Health whose function amongst other is to assist with the development of appropriate and relevant syllabus material for the new bachelor degree in Environmental Health Services. Successful EHP information sessions were held at the following tertiary institutions, attended by a total of 231 students:

CPUT (14 May 2014) - 33 students

UJ (21 May 2014) - 52 students

MUT (27 May 2014) - 36 students

DUT (28 May 2014) - 30 students

NMMU (30 May 2014) - 36 students

CUT (5 Aug) – 44 students

TUT – session postponed until further notice, due to student unrest

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

TUT session postponed due to student unrest

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

Student unrest resulted in programme to be postponed into 2015 due to upcoming exams

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

Unforeseen incident

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

## **Achievements**

DSA continued with the placement of dairy technological articles, advertorials and advertisements in the Dairy Mail, Veeplaas and Stock Farm magazines in the fourth quarter of 2014. DSA also presented on national radio on food safety topics.

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

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

#### ***Achievements***

Development of the Code of Practice for the secondary continued and work on this project will continue in the first quarter of 2015

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

Due to uncertainties regarding changes in legislation the project was not completed by end December 2014

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

Expected amendment of regulations in terms of the Agricultural Product Standards Act and SABS voluntary standards

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

DSA to continue with the completion of the project in consultation with DAFF and SABS. Project completion end March 2015

## **Income and expenditure statement**

Income and expenditure statement	<a href="#">Bestuurstate vir Des 2014.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