



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

(PRJ-0073-2015)

### **DAIRY STANDARD AGENCY**

**Quarter 2 2015/2015** (April 2015 till June 2015)

#### **Project goals**

##### **Goal 1 - National monitoring of milk and other dairy products in collaboration with Health Authorities**

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

The quarterly sample runs for cycle 53 were completed as per predetermined schedule. 418 milk samples, 53 butter samples and 112 cream samples were analysed in order to determine compliance with regulatory requirements. 8 Metropolitan Municipalities, 13 District Municipalities and 64 Local Municipalities participated in the cycle 53 sampling runs, representing all provinces.

Samples were submitted to two laboratories which are authorised in terms of the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act 54 of 1972). As per procedure results of fresh milk, butter and cream 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).

Non-conforming results obtained were assessed and communicated to the processors and the relevant authorities for further action. Contact details of participating authorities as well as processors were updated as per standard procedure. The collection of contact information of processing facilities is an ongoing process. Non-conforming results obtained were assessed and communicated to the processors and the relevant authorities for further action. (See attached report for more information)

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

##### **Goal 2 - Investigations regarding complaints received in respect of product compliance with legal standards**

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

Investigations regarding complaints were initiated on:

- Non-conforming milk sold in the Western Cape – Foreign bodies found in milk
- Non-conforming milk sold in the Gauteng – Microbiological complaint

- Milk unfit for human consumption sold in Mpumalanga.

All complaints were processed, recorded on the DSA management information system and attended to.

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

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

#### ***Achievements***

**Addition of annatto and starch** to cultured milk (Maas/Amazi) were investigated following a complaint received in the last quarter of 2014. The information received indicated possible contraventions in terms of the relevant regulations in terms of the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act 54 of 192).

81 Cultured milk samples were submitted for analysis.

- 15 of the 81 evaluated samples (18.5 %) tested positive for the presence of starch.
- No annatto was detected in any of the tested samples, indicating that the yellow colour in some of the samples originated from a different colouring agent.

The investigation is continued and the DSA is currently consulting with private laboratories in this regard.

#### **Imported UHT milk.**

An independent investigation in conjunction with the relevant directorate of DAFF was initiated in order to determine the compliance of imported UHT milk with national standards.

Tests conducted included added water, phosphatase, inhibitory substances, E.coli, coliforms, butterfat, protein and solids non-fat were conducted. No non-conformances were recorded.

The results for Melamine and Aflatoxin M1 analyses were outstanding at time of submission of this report.

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

### **Goal 4 - Milk and other dairy products risk identification project**

#### ***Achievements***

The focus remains on raw milk and milk products due to prevailing high trend of food poisoning cases as a result of listeria cases reported internationally. To this effect, workshops planned in the second quarter and third quarters with Environmental Health Practitioners is primarily focused on food safety risks and awareness with specific reference to raw milk and other dairy products. This is also aligned with The World Health Organization (WHO) that is devoting World Health Day, April 7, 2015, to the critical importance of food safety, with the theme "From Farm to Plate, Make Food Safe." WHO estimates that unsafe food is linked to the deaths of two million people annually – including many children. (Please see attached report on visited website information).

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

## **Goal 5 - Remedial action programs with the processors and distributors**

### ***Achievements***

Due to the limited shelf life of most dairy products the follow-up of non-conforming products, as to ensure appropriate action by the parties involved, requires prompt action. Following the activities of project 1.1, project 1.5 provides for an opportunity whereby information regarding non-conforming test results as well as recommendations for corrective actions are effectively communicated to the suppliers either by means of a telephone call, e-mail report, posted report or a visit to the facility. Environmental Health Practitioners were also requested to follow up and communicate all test results to relevant parties. DSA technical personnel also provide the suppliers with comprehensive post visit reports to be used for reference purposes. A significant amount of work had been done during C53 complimented by a newly developed system to ensure comprehensive report writing in an efficient manner. This new development assists with the reduction of time spent by DSA technical managers doing administrative report writing. The DSA Code of Practice for the secondary industry was also distributed to the secondary industry members and stakeholders during scheduled visits.

Non-conforming brands were identified and included in the list of facilities to be visited as part of the remedial action program. Processing facilities, PD's and milk shops in Gauteng, KZN, Mpumalanga, Northern Cape and North West were visited as part of a program. In total 68 facilities were visited during the period April 2015 – June 2015. (See attached report for recorded visits).

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

## **Goal 6 - Communication with the authorities and other organisations**

### ***Achievements***

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

DSA in its supportive role assisted the industry with a substantial amount of queries relating food labelling requirements as well dairy technical matters which in several cases resulted in facilitation processes with the Directorate. During the second quarter, requests for comments from the Food Legislative Advisory Group (Directorate Food Control) relating to requirements for milk silos at farm level as well as alternative methods of milk treatment such as UV treatment were dealt with.

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

Communications with the municipal health authorities based on information obtained from project 1 were continued in the second quarter, followed up with strategic meetings at district municipality level. Discussion resulted in the first two workshops that took place in Eden District Municipality (Western Cape) and Buffalo City (Eastern Cape) in April 2015.

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

i) Directorate: Inspection Services (IS)

Cycle 53 results regarding infringements in terms of the Regulations relating to dairy and imitation dairy products, as a result of the DSA national monitoring program were communicated to the Guardian Manager for the Agricultural Products Standards Task Team of the Directorate.

Misleading claims, incorrect composition and labelling of dairy products continued to serve as priority. Communication regarding the sale of imitation dairy products.

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

Communication with FSQA included dairy product composition queries, the draft regulations relating to dairy and imitation dairy products and the draft import and export regulations in conjunction with Sampro.

iii) Directorate Animal Health

DSA participated in an industry organised meeting with the directorate in an attempt to resolve issues relating to the process of review of the Veterinary Procedural Notice 20. Positive results relating to inhibitory substances detected during the cycle runs were communicated to the department as part of collaboration on chemical residue control.

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

The quarterly report regarding metrology infringements were forwarded to the Senior Manager, inspections: Legal Metrology NRCS, in terms of a standard agreement.

e. Perishable Product Export Control Board (PPECB)

No interaction with the PPECB took place in the second quarter.

f. South African Bureau of Standards (SABS)

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. DSA also participated in the SABS TC 1094, Livestock welfare, developing SANS 1694, Standards relating to the welfare of dairy cattle. Follow up meetings with SABS continued regarding the use of the SABS references in the development of the new DSA Code of Practice for the Secondary industry as well as amendments of SANS 1678 and SANS 1679 (Pasteurised and sterilised milk).

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 also regularly met with the Consumer Education Project Manager to discuss relevant issues of importance to CEP and DSA. DSA during the second quarter continued to address the sale of raw milk served as priority. Follow up advertorials on dairy magazines continued in this regards as well as consultation with municipal health authorities. DSA discussions with the Transformation Project Manager of Milk SA regarding extended services of the Commercialisation of black farmer's project continued. Regular assistance to SAMPRO and MPO members regarding food safety and product compositional standards were ongoing.

CGCSA: FSI – DSA as member of the Food Safety Initiative (FSI) interacts on a regular basis with management. DSA following completion of the its new DSA Code of Practice for the secondary industry managed to successfully incorporate FSI guidelines in the Code which is now available to industry and stakeholders as industry specific guideline.

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

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

SASDT - DSA as elected member of the management of SASDT Northern division participated in the 2015 SASDT National Symposium and presented on the topic "Industry initiative in support of dairy innovation and promoting the compliance with standards".

Tertiary institutions – DSA serves as a member of the Advisory Committee of the Department of Health at the Tshwane University of Technology as well as Nelson Mandela Metropolitan University. The purpose of the advisory committees is to give industry inputs and assist the universities with the development of course material for Environmental Health Practitioners.

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

## **Goal 7 - Liaison on legislation with authorities and other organisations**

### ***Achievements***

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

Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act 54 of 1972)

- Draft Regulations Governing General and Hygiene Requirements for Food Premises, the Transport of Food and Related Matters - R364 of 30 April 2015.
- Regulations relating to milk and dairy products - R1555 of 1997.
- Draft R429 relating to the labelling and advertising of foodstuffs.

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

- New regulations relating to dairy products and imitation dairy products R260 of 27 March 2015.
- Regulations regarding the classification, packing and marking of edible ices intended for sale in the Republic of South Africa - R78 of 8 February 2013.
- Draft regulations relating to the import of dairy and imitation dairy products.

Non-compulsory South African National Standards – SABS

- SANS 1694 - Standards relating to the welfare of dairy cattle
- SANS 1678 and 1679 (Pasteurised and sterilised milk)

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 project**

### ***Achievements***

10 April 2015 – a formal workshop was held with 26 Environmental Health Officers of the Eden District Municipality (26 EHP's attended)

26 April 2015 – a formal workshop was held with 30 Environmental Health Officers of the Buffalo City Municipality in East London (30 EHP's attended)

13 May 2015 – DSA presented at the Association for Dietetics Gauteng South Committee on the topic of integrated chain management of food safety in the dairy industry.

Information sessions at seven tertiary institutions as well as workshops with EHP's in the Western and Eastern Cape was scheduled to begin in the second quarter of 2015.

20 May 2015 University of Johannesburg (48 students attended)

26 May 2015 Mangosuthu University of Technology (35 students attended)

27 May 2015 Durban University of Technology (28 students attended)

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

## **Goal 9 - Media communication**

### ***Achievements***

DSA has signed contractual agreements with Veeplaas and Agri Connect. Five articles and advertorials were published in the Veeplaas / Farmlink and Dairy Mail respectively and one in Agri Kultuur Magazine. A radio recording was broadcasted with a national radio station. Two articles were published in Milk Essay newsletter of Milk SA.

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

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

### ***Achievements***

The new DSA Code of Practice for the Secondary Industry was completed end March 2015 and launched at the SASDT national symposium in the Eastern Cape on 15 April 2015.

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

Project successfully completed.

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

N/A

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

N/A

# Income and expenditure statement

Income and expenditure statement	<a href="#">Maandelikse bestuurstade vir Mei 2015.pdf</a>
Unnecessary spending during period	No

## Popular Report

No file has been uploaded

## Additional documentation

[DSA Quarterly summary report April to June 2015.pdf](#)

## 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