

7. LIVESTOCK PLANNING AND ECONOMICS DIVISION

7.1. Introduction

The Livestock Planning and Economics (LPE) Division is responsible for planning, monitoring and evaluation of livestock development programs and activities implemented by the Department to support development of the livestock sector in Sri Lanka. LPE division also maintains the national level data base to collect and compile livestock statistics and data which are accessible to the public and to policy makers, researches, university students. The Data Processing Unit is responsible for data entry, analysis and preparation of reports/ documents to the relevant authorities.

Main functions of the division

- Identification and formulation of livestock development programs and projects;
- Monitoring, evaluation and economic analysis of livestock development programs and projects of the department;
- Conduct economic studies to assess feasibility and viability of livestock development programs and projects;
- Periodic review of livestock industry and identify issues that need to be addressed for policy formulation;
- Management of livestock data base at national level;

- Co-ordinate livestock development programs with provincial DAPH and other state institutions and organizations;
- Coordinate implementation of e-government policy in the department.

7.2. Identification and Designing of Livestock Development Programs and Projects

LPE division is responsible for identification and formulation of livestock development projects and forwarding them to funding agencies. Funding could either be through the National Budget or Foreign Donor Agencies.

7.2.1. Projects for the National Budget - 2017

Five (05) new project proposals for 2017 were formulated in collaboration with respective divisions in 2016. These project proposals were forwarded to relevant authorities.

Furthermore, 20 on-going projects of the DAPH for continuation for coming years were reviewed, proposals forwarded and necessary approvals were obtained.

7.3. Monitoring, Evaluation and Economic Analysis of Livestock Development Programs and Projects

7.3.1. Physical and financial progress review of Departmental programs

a. Action plan and progress

Action plan for physical and financial progress review of the DAPH was prepared for the year 2017. The physical and financial progress was monitored and reported monthly on the basis of thrust area.

Capital expenditure utilization of the DAPH was 89.40% in 2016 which was higher than the previous year (80.61%). The progress of recurrent fund utilization was 99.28% in 2016, which was higher than the corresponding figure of 97.84% in the year 2015. The details are given in *Chapter 10*, under the Finance division.

b. Progress Review Meetings of the department

Physical and financial progress of departmental programs is reviewed at progress review meetings represented by respective directors and relevant officers of divisions. LPE division organised and facilitated to conduct such reviews throughout the year.

7.3.2. Monitoring of Animal Production, Health and Extension activities in Provincial DAPH

a. Monitoring through Master Returns

Activities of Provincial DAPH are monitored through master returns submitted monthly by divisional veterinary surgeons in the country. Data were processed and analysis reports were prepared and communicated to Provincial DAPH as well as all divisions of the DAPH and the Ministry as well.

Analysis of selected data is given in *Annex VII*. Data on animal health activities are given separately under section on animal health division.

7.4. Review of Livestock Industries and Management of Livestock Database at National Level

Availability of reliable statistics is one of the main pre-requisites for any planning and monitoring pertaining to the livestock sector. This is also one of the main responsibilities of the LPE Division.

7.4.1. Data Collection, Compilation and Management

Data collection systems have been further improved during the year. Data on livestock population, production, prices, imports and exports etc. were collected on Industry- basis. The analyzed data are preserved in electronic livestock statistics databases. Document on ten year livestock data has been updated.

a. Milk Collection

Data were collected from leading milk processing organizations in the formal milk marketing in the year 2016. Total milk collection by 10 key organizations was 230.74 million litres. Central Province and the North Western Province contributed for this total as 32% and 18.7% respectively. Overall milk collection has shown an increase of 12.3 million litres in the year 2016, which is a growth of 5.3 % over the corresponding volume in 2015. District-wise milk collection data for the year 2016 is given in *Annex VIII*.

b. Import and export of animals/animal products and feed ingredients

Quantities and the value of import of animals, animal products and feed ingredients in 2016 was obtained from Sri Lanka Customs and analyzed. Quantities of Dairy products, Meat and Meat products imported into the country in 2016 is totaled 99,593.43 MT and 919.50 MT with the value of Rs.36.34 billion and Rs.449.6 million respectively. Imported quantity of Dairy products has been increased, imported quantity of meat products decreased during the year 2016 when compared with the year 2015.

Total of 839.61 MT of milk and milk products and 1567 MT of meat and meat products have been exported to other countries during year 2015.

b. Data Bank

LPE division maintains the National databank containing all livestock data, statistics and related documents, reports, and bulletins which can be used by DAPH and other state officers, students from University and other educational institutes, and private entrepreneurs.

c. Dissemination of data/statistics

Important livestock statistics collected from various organizations, other divisions of DAPH, regional veterinarians, private companies, farms, etc., by division of LPE, are analyzed, compiled and published as Livestock Statistical Bulletin and Livestock outlook for the year 2015. It was disseminated to all the relevant organizations and other stakeholders in 2016. A total of 136,152 website users were reported in 2016.

d. Sector Reviews

Poultry Industry monitoring

A poultry industry monitoring committee was established in the department to monitor the poultry industry in Sri Lanka in year 2012. This committee is consisted of industry representatives and officers from the department as well. Department of Agriculture is also representing the meeting to facilitate and overcome the issues related to poultry industry. This committee was chaired by the Director General of the Department. Many issues have been addressed during the year 2016 and one (01) such meeting and several another meetings on technical matters with poultry experts had been conducted.

7.5. Coordination of Development Programs with Provincial DAPH and special development projects

Several development programs are jointly implemented by the National and Provincial DAPH and technical back-up services and inputs were mostly provided by the National DAPH.

7.5. Provincial Director's Meetings

LPE division organizes and coordinates Provincial Director's meetings to review on-going livestock development programs and to discuss on administrative and financial matters. Three (03) such meetings were held during the year 2016.

7.5.1. Special Livestock Development Projects

a. Improvement of Veterinary Service Delivery System of Field Veterinary Offices

A project to improve services of provincial veterinary offices was commenced in year 2008 aiming at improving infrastructure facilities of veterinary offices.

Construction works of four (04) veterinary offices were continuing from 2015 in North Central Province (Nachchaduwa), North Western Province (Arachchikattuwa), Northern Province (Welioya) and Uva Province (Sorاناتota).

Construction of three (03) new veterinary offices started in 2016, in

Sabaragamuwa Province (Deraniyagala), Southern Province (Lunugamwehera) and Eastern Province (Trincomalee).

Construction work of four (04) veterinary offices in North Central Province (Nachchaduwa), North Western Province (Archchikattuwa), Northern Province (Welioya) and Uva Province (Sorاناتota) was completed in the year 2016.

b. Programme to Mitigate Environment Issues Pertaining to Livestock Industry

Environmental related problems continued to be the main problem suppressing further development of the livestock sector. A technical back-up system to support Provincial DAPH and the livestock industry in handling matters related to environmental issues had been identified as a priority area by the DAPH. Accordingly, following activities were coordinated and Implemented by the LPE division in the year 2016.

- Provide resource persons for training of field officers on environmentally friend livestock farming.
- Provide resource persons to other departments on environmental issues pertaining to livestock.

7.6. Publications

The division compiled following publications/reports during the year 2016.

- Action Plan DAPH - 2016
- Physical and Financial Monitoring Plan DAPH - 2016
- Annual Report - 2015
- Monthly physical and financial Progress Reports of DAPH
- Budget Report DAPH, Progress for 2016 and Plans for 2017
- Livestock Development Projects - 2017
- Statistical bulletin
- Action Plan 2016 - LPE Division
- Livestock Information Bulletin
- Poultry Sector Forecast
- Dairy Bulletin

7.7. Other Activities

7.7.1. E -Government Programme

Livestock Planning and Economics Division (LPE) is responsible to liaise

with ICTA and to handle correspondences regarding Lanka Government Network (LGN) and Government Information Centre (GIC). Dr. K.D. Ariyapala of the LPE division serves as a Chief Innovative Officer (CIO) for ICTA.

The LPE division holds the responsibility of managing and updating the department website www.daph.gov.lk. Livestock data, statistics, maps, departmental activities and details of each division have been incorporated into the web site. Regular updating of news and the events of the department is a valuable feature in the department web site. By the end of the year number of web users have become increased remarkably which has been calculated automatically as 372 users per day. The online application service (e-service) for import and export of animals is also an additional service provided by the department web site.

7.8. Financial Progress

The financial allocation for capital and recurrent expenditure for the year 2016 and actual expenditure as given below:

	Allocation (Rs. Mn.)	Expenditure (Rs. Mn.)	Achievement (%)
Capital	106.50	64.72	60.67%
Recurrent	1.28	0.89	69.53%

8. VETERINARY REGULATORY AFFAIRS DIVISION

8.1. Introduction

Implementation of statutes made under the provisions of Animals Act, Animal Diseases Act and Animal Feeds Act are handled by the Veterinary Regulatory Affairs (VRA) division.

Main Functions of the Division

- Strengthen/Improve Animal Quarantine management system in Sri Lanka to prevent entry of exotic animal diseases/illegal imports.
- Trade facilitation of import and export of animals and animal products of animal origin and other inputs.
- Quality assurance of processed, further processed poultry meat, frozen fish, animal feed ingredients, veterinary drugs and biological / products.
- Safeguard and protect productive national herd to accomplish a traceability system and to achieve objectives of the Master Plan.

8.2. Animal Quarantine and Inspection Service

8.2.1.Import of Animals, Animal Products and By Products and Post import Quarantine Activities

Animal Quarantine service is one of the essential services provided by the DAPH. It mainly deals with the

inspection and quarantine of import and export of animals, animal products and by-products.

a. Quarantine Holdings

Details on Quarantine holdings (other than the AQS) and the period of quarantine for large/zoo animals in 2016 are given in *Annex IX*.

b. Import and Quarantine Surveillance

Details of consignments that were subjected to quarantine surveillance in 2012 are given in *Annex X*.

c. Sampling of Imported Poultry (HPAI surveillance programme)

Consignments of Day-Old Chicks (DOC) are released to importers under the quarantine surveillance agreement and monitored by the weekly reports sent by the importer. Serum samples and cloacal swabs are taken at the point of entry and during the farm inspections. When mortality is above four (04) percent, the relevant farm/s were visited by AQO's immediately to investigate and to rule out the possibility of HPAI infection.

As part of the active surveillance programme carried out against HPAI, imports were closely monitored clinically and laboratory testing was done during the surveillance period. (*Table 8.1*)

Table 8.1: HPAI Surveillance Programme - Laboratory test results - 2016

No of farm visits - (2016)	Total no of samples sent to the lab (2016)	Test results (2016)
Animal Quarantine Station, Colombo Day old chicks-14	Cloacal swabs- 200 Serum samples-200	Negative Negative
Pet birds-10	Faecal samples-25	Negative
Animal Quarantine Station, Katunayake Day old chicks -56	Cloacal swabs- 3,830 Serum samples-1,162	Negative Negative
Pet birds-09	Faecal samples-211	Negative

d. Consignment Detained/ Destroyed/ Re-exported in the Year 2016

Details of consignments of Animals, Animal Products and Animal By-Products that were not allowed to enter into the country in 2016 due to non-conformity with our import health requirements are given in *Annex XII*.

8.2.2.Export of Animals, Animal Products and By Products

a. International Veterinary Health Certificates for Meat

Details of export Health Certificates issued by the Chief Animal Quarantine Officer (CAQO) in 2016 are given in *Table8.2*.

Table 8.2: Health certificates issued for export (2016)

Item	No. of Health Certificates issued	
	2015	2016
Ornamental fish	2,960	3,131
Dogs	127	164
Cats	47	56
Poultry -DOC	68	56
Hatching eggs	65	07
Pet birds	12	15
Zoo animals	04	--
Elephant	01	-
Rabbit/Rat/Hamsters/G. Pig	01	--
Animal Products (Meat & meat products)	3,656	4,004
Table eggs	1,163	1,300
Animal by-products	182	44
Leather	58	23

b. Exports

Details on consignments of Animals, Animal Products and Animal By-Products that were subjected to animal quarantine inspections and approved for export are given in *Annex XI*.

animal products and animal by products through review and recommendations of request for imports.

a. Poultry

The regulatory activities carried out in 2016 in related to poultry industry are given in *Table 8.3*.

8.3. Regulatory Activities - Livestock Industry

The VRA division facilitates international trade in animals and

Table 8.3: Regulatory activities carried out in 2016

Activity	Description	Number
Registration	Registration of new breeder farms	Layer - 1
	Registration of new hatcheries	1
	Registration of new processing centers	1
Renewal	Renewal of breeder farms	Broiler - 32, Layer - 11
	Renewals of hatcheries	43
	Renewal of Grand Parent farms	3
	Renewal of processing centers	16
	Renewal of further processing centers	9
Facilitation of imports	Issuing pre clearance approvals	288
	Revision/ preparation of import health requirements	13

b. Other animals, animal products and animal by products

Regulatory activities carried out during the year 2016 in respect to livestock and livestock products are given below.

Issue Pre-clearance Approvals

Activity	No. of Applications received	Number Approved	Number of animals/ heads
1. Live animals			
Pets-dog & Cats	311	301	312
Horses	9	9	63
Rabbits	2	2	64
2. Genetic Material	6	5	1,150 Doses
Bovine Semen			
3. Animal Products			
Meat and Meat Items	143	135	560 MT 35,000 MT
Frozen Fish	1,382	1,360	
4. Animal By products	122	113	90 MT
Fur/ Wool/ Hair/ Bristles/ Lather	126	123	

8.4. Veterinary Drug Control Authority

Veterinary Drug Control Authority (VDCA) was promulgated under the provision of the Animal Disease Act No. 59 of 1992 and related regulation. VDCA has the responsibility of regulating manufacture, import, re-packing, export, marketing and use of veterinary pharmaceutical and biological products to safeguard human and animal health in Sri Lanka. VDCA committee members for the year 2016 and their fields of expertise as stated below.

01. Dr. T.A.C. Tiskumara - Chairman
02. Prof. S.P. Guneratne - Nutrition
03. Dr. D.D.N.De Silva - Pharmacology
04. Dr. A. Arulkanthan - Parasitology
05. Dr. Anil Pushpakumara -
Reproduction

06. Dr. S. Samarakoon - Clinical practice
07. Dr. H. Kothalawela - Microbiology
08. Dr. W. Samarasinghe -Special member for Local manufacturing
09. Dr. C.G. Wijesinghe - Registrar (Actg.)

Eighteen committee meeting of VDCA and User Permit Panel were conducted during this year.

Awareness programs were conducted on prudent use and ethical marketing of antimicrobials, for field veterinarians and sales personnel of pharmaceutical industry.

- a. **New products registered in VDCA.**
New pharmaceuticals and biological products registered in 2016.
Details are as follows;

Imports for Free Sales

Antibiotics	Injectable	10
	Sprays	1
	Oral preparations	14
	Intra mammary infusions	2
Antiparasitics		18
Anesthetics/Sedatives		2
Vaccines	Poultry	5
	Canine	2
Supplements	Vitamins & Minerals	10
	Glucose	1
Hormones		3
Anti-inflammatory / Antihistamines	Injectable	6
	Topical preparations	1
Parasympatholytics		1
Herbal Sprays		3
Total		79

Local Manufacture for Free Sales

Antiparasitics	Oral	5
Antibiotics	Oral	2

b. Invoice Approvals

During the year 573 invoices were approved by VDCA, to import veterinary pharmaceuticals and biological products for the worth of Rs. 2,041.71 million Sri Lankan rupees into Sri Lanka.

c. User Permit Approvals

Species	Category	Issued
Poultry	Vaccines	51
	Adjuvant for Fowl Cholera	4
Cattle	Vaccines	1
	Antibiotic +Hormone pessaries	1
	Vitamins & Mineral Supplements	1
	Anti-inflammatory (Ointment)	2
	Smooth Muscles Relaxant	1
	Antibiotics	1
	Hormones	1
Pigeon	Antiseptics	1
	Antibiotics	1
	Antiparasitics	1
Swine	Hormones	1
Fish	Vaccines	4
Horses	Antiparasitics	1
	Insect repellents	1
	Hoof Ointment	1
	Anti-inflammatory (injection)	1
	Vitamin & Mineral Supplements (injection)	1
	Diuretics	1
	Anti-bloat products	1
	Anti-inflammatory (Liniment)	1
	Antibiotics	1
Wild Animal	Antidote (Reverzine)	1
	Anesthetic/Sedatives	5
	Anti-dote	1
Companion Animal /Exotic pets	Anesthetics	1
	Anti-dote	1
	Anelgesics	1
	Vasodilators	1
Feline	vaccine	1
Total		92

8.5. Implementation of Animal Feed Act

Under the provisions of Animal Feeds Act, No.15 of 1986 and its regulations, the Animal Feed Advisory Committee (AFAC) has been established to exercise control over the manufacture, import, export, sale and use of animal feeds in order to ensure the quality at the local market.

Following members functioned as the members of AFAC in 2016.

1. Dr. (Mrs) T.A.C. Tiskumara - Director General
2. Prof. S.S.E. Ranawana - Expert
3. Dr. K. Samarasinghe - Dean, Faculty of Agriculture University of Peradeniya.
4. Dr. N. Priyankarage - Veterinary Research Officer, Head - Animal Nutrition Division, Veterinary Research Institute - Peradeniya.
5. Mr. P. Maheshwaran - Industry representative
6. Dr. (Mrs.) V.R.N. Munasinghe - Registrar - Animal Feed

The details of activities performed during the year are as follows:

a. Renewals/ new licenses for Animal Feed

Activity	Number of products
Renewal of animal feeds	1,159
New licenses issued;	
For Animal feed Manufacture	335
For Animal feed Imports	123

b. Collection of Turn over Returns

Table 8.4: Compound animal feed production by type: 2015-2016

Type of Feed	Quantity 2015 (MT)	Quantity 2016 (MT)
Poultry Feed	501,819.51	620,310.65
Cattle Feed	30,541.72	33,997.06
Calf Feed	-	6,854.00
Pig Feed	2,704.39	2,263.93
Fish Feed	-	344.18
Horse Feed	525.5	464.35
Goat Feed	455.5	119
Other Feed	149.75	146.02
Self-mixed	396,393.00	413,540.44
Total	932,589.37	1,078,039.63

** Source: TOR -2016 (by Registered Animal feed manufacturers)*

Animal Feed Premixes manufactured in 2016 was 977.66 MT.

c. Usage of Raw Materials

Details of the raw materials used by the registered feed manufacturers are given in *Annex XIII*.

Table 8.4: Poultry feed production by category (2015-2016)

Type of Feed	Quantity 2015(MT)	Quantity 2016(MT)
Chick Starter	6,270.67	8,755.53
Layer Grower	9,300.43	16,690.66
Layer	45,102.025	67,158.08
Total Layer Feed	60,673.13	92,604.27
Broiler Starter	137,395.95	168,891.95
Broiler Finisher and Grower	248,899.30	290,433.86
Total Broiler Feed	386,295.25	459,325.81
Broiler Breeder	51,629.13	48,361.12
Layer Breeder	3,222.00	20,019.45
Total Breeder Feed	54,851.13	68,380.57
Total Layer Feed	60673.13	92,604.27
Total Broiler Feed	386295.25	459,325.81
Total Breeder Feed	54,851.13	68,380.57
Total Poultry Feed	501,819.51	620,310.65

** Source: TOR - 2016 (by Registered Animal feed manufacturers)*

d. Implementation of BSE regulations on Animal feed imports

Screening verified and approval was given to import 20,549 MT of Meat and Bone Meal from the countries which were declared as Bovine Spongiform Encephalopathy free countries.

e. Export of Animal feed

Vitamin and Mineral premixes and Vitamin E were exported to the south Asian countries by two large scale premixing manufacturers and two small scale manufacturers. Total number of Veterinary Export certificate issued 469, Total quantity exported 24,677.99 MT as

powder form and 151,000 Liters as liquid form.

8.6. Animal Identification and Traceability Programmed

Necessary inputs (134,125 Ear Tags, 74,500 Cattle Vouchers, and fuel to implement the program at filed level) were provided to the provinces to facilitate implementation of this programme. A total of 144,685 cattle were ear tagged during the year 2016.

8.7. Financial progress

The capital and recurrent financial allocation and expenditure for the year 2016 are as follows.

	Allocation (Rs. Mn)	Expenditure (Rs. Mn)	Achievement (%)
Capital	36.29	31.54	86.91%
Recurrent	4.33	5.54	127.94%*

* Additional allocations were provided.

9. ADMINISTRATION DIVISION

9.1. Introduction

The main responsibility of this division is managing staff cadre and supporting employees services to achieve objectives of the Department.

Main functions of the division

- Attend to establishment matters related to all staff of the Department of Animal Production and Health.
- Handling correspondences regarding implementation of Service Minutes of technical services of DAPH.
- Attend to matters regarding the pensions/ loans/ quarters/ lands/ Agrahara scheme and legal issues of the department.
- Handling correspondences regarding recruitments, promotions, transfers and appraisals of the staff.
- Office Management.

9.2. Present Cadre Positions of the Department

The present approved cadre positions of divisions (Animal Health, Animal Breeding, Veterinary Research, Human Resource Development, Livestock Planning and Economics, Veterinary Regulatory Affairs, Administration and Finance) of the department amounted to 946 and actual cadre position was 765 (*Project I: 192 Project II:337 and Project III: 236*). Details of cadre positions are given in the *Annex XIV*.

9.3. Approval from the Management Service

Approval has been granted by the Management Services Department during the year 2016 for 946 officers/staff which comprises of 77 different categories (*DMS/0029 dated 2016/3/11*)

9.4. Appointments

Officers have been appointed to permanent appointments on following posts;
Director General

Following new appointments were made during the year 2016.

Veterinary Surgeons - 123
Livestock Development Officer - 13
Research Assistants - 15
Sri Lanka Technical services - 01
Management Assistant services - 06
Field Assistants - 11

9.5. Promotions

Promotions given during the year are as follows;

Accountants - 01
Veterinary Surgeons - 23
Livestock Development Officers - 01
Research Assistants - 04
Management Assistants - 01
Drivers - 04
KKS - 04

9.6. Transfers

Details of transfers made to and from the DAPH are stated below;

Transfer to DAPH - 19

Transfer from DAPH - 07

9.7. Retirements

Details of staff members who have retired from the service in 2015 are as follows;

Director General	01
Livestock Development Officers	03
Veterinary surgeon	01
Veterinary Research Officers	01
Management Assistants	06
Field Assistants	03
KKS	01
Drivers	01
Electricians	01
Carpenter	01

9.8. Resignations

The number of resignations in the year 2016 as follows:

Veterinary surgeon - 01

Management Assistants - 01

Field Assistant - 01

Drafts man (training) - 01

9.9. Vacation of Post

Livestock Assistant - 02

KKS - 01

9.10. Releases from the DAPH on permanent basis

There was one Field Assistant released from the DAPH on permanent basis during the year 2016.

9.11. Loans Approved

Type of loan	No.	Amount (Rs.)
Distress Loan	186	17,281,499.00
Vehicle loan	01	1,000,000.00
Property Loan	07	12,483,000.00

9.12. Insurance Payments

During the year, 143 applications were approved for "Agrahara" insurance scheme.

9.13. Financial Progress of the division

The capital and recurrent financial allocation and expenditure for the year 2016 are as follows:

	Allocations (Rs. Mn)	Expenditure (Rs. Mn)	Achievement (%)
Capital	6.23	2.9	46.5
Recurrent	9.88	6.65	67.3

10. FINANCE DIVISION

10.1. Introduction

The Departmental Head pertaining to the financial activities for the year 2016 was 292. The activities of the department were performed under two (02) Programs and three (03) projects. Financial allocations and the expenditure summary for the year 2015 are as in *Annex ...*

A sum of Rs.501.783 million for the recurrent expenditure and Rs. 571.000 million for the capital expenditure was received by the Department for the year 2016, totaling Rs.1072.783 million.

10.2. Allocations

a. Departmental Allocations

Head: 292

	Estimated allocation (Rs.)	Supplementary allocation received from the Treasury (Rs.)	Net allocation (Rs.)	Expenditure (Rs.)	Percentage of the expenditure
Recurrent (Rs.)	476,400,000	25,383,362	501,783,362	498,146,157	99.28%
Capital (Rs.)	571,000,000		571,000,000	510,480,423	89.40%
Total (Rs.)	1,047,400,000	25,383,362	1,072,783,362	1,008,626,580	94.02%

10.3. Public Servants' Advance Account "B"

	Limits of the Annual Estimates	Actual Value
Balance carried forward		73,596,516.04
Maximum debit limit	26,500,000.00	30,720,624.39
Minimum credit limit	18,500,000.00	28,444,669.04
Maximum limit of the debit balance	120,000,000.00	
	Credits not affecting the limits	5,507,482.00
	Balance brought down	75,872,471.39

10.4. General Deposit Account

The balance of the General deposit account of the Department as at 31.12.2016 was Rs. 22,202,854.08

It was prepared as follows:

6000/0000/00/0001/0110/000 -	323,697.00
6000/0000/00/0013/0106/000 -	7,614,436.07
6000/0000/00/0016/0098/000 -	14,059,111.01
6000/0000/00/0002/0153/000 -	205,610.00

10.5. Departmental Income

The income received by the Department for the year 2016 is given in *Table 10.1*:

Table 10.1: Departmental income - 2016

Income Subject No.	Particulars of the Income	Total income Received (Rs.)
2002-01-01	Rent	5,591,803
2002-02-99	Loan interest	3,008,252
2003-01-00	Departmental sales	52,557,455
2003-02-99	Other	1,989,048
2003-99-00	Other receipts	2,654,006
2002-01-99	Other Rent	48,000
	Total	79,334,384

Rs. 898.15 million was obtained from the Treasury for the activities of the department and Rs. 79.33 million received as income, miscellaneous revenue and there was no balance.

11. FOREIGN FUNDED PROJECTS

11.1. Project on “Promotion of Appropriate Feeding Techniques to Exploit Proactivity in Dairy cattle” TCP/SRI/3501

FAO funded two year project TCP/SRI/3501 initiated its activities in Sept., 2014 with the aim of the fulfillment of right level of nutrition of the crossbred cows to exploit inherent production potential through incorporation of feeding techniques. This pilot project was implemented in *Ampara, Moneragala, Polonnaruwa, Kurunegala* and *Galle* districts. Following four (04) outputs are expected to achieve through the project. FAO and DAPH worked collaboratively under a Letter of Agreement (LOA) and it was effective from 16.08.2016 to 30.04.2017. The project is due to terminate on 30.06.2017.

Output 1: New and improved feeding management techniques are practiced and herd and general farm records are maintained by the farmers under efficient monitoring system

As the ultimate aim of the project is to get the dairy farmers practicing ration balanced feeding. Therefore, Livestock Development Instructors from each of the project district were trained under a series of TOT program and through them, target farmers were trained mainly to practice feeding Totally Mixed Ration (TMR) for milking cows. LDIs were also given an exposure to a simple software for least cost ration balancing

tool. Trained LDIs then were sent to farmers’ doorstep to advice farmers to formulate a nutritionally balance and economically least cost ration based on the available and easily accessible resources in the farm premises. Farmers had to maintain at least basic farm data for least cost calculation and for that, farm data, cow data, production and marketing data were recorded in the format provided by the project. Outputs were encouraging as the farmers convinced the increase in daily milk production.

Two farms from each project district were established as the model farms. However, better performances were achieved only the model farms in Kurunegala and Polonnaruwa districts. Correction of the herd structure hampered due to the problem of disposal of poor productive animals. Adequate fodder cultivation and utilization were affected by the long dry spell during cultivation season (*maha*) and therefore, fodder conservation affected due to lack of adequate annual fodders. However, farmers prepared lesser quantity of silage using drought affected Sorghum and Maize crop.

Output 2: High yielding fodder varieties are introduced and popularized

High yielding variety of fodder sorghum (Sorghum sudanese) and Fodder maize variety were imported and distributed among farmers. Sorghum crop survived well compared

to maize crop. Farmers were reluctant to harvest maize crop at the milky stage of the cobs and therefore, maize could not resist for the drought. It was experienced that Sorghum as the best fodder crop for future programs.

Output 3: Proper utilization of farm implements in target farms

Milk measuring jugs were distributed to each registered farmer with an intention to measure individual cow production to facilitate record keeping. In addition, fodder harvesting knife and Silage barrels will also be distributed before the termination of the project. Many progressive farms have received power driven grass chopper under a concessionary (50% value) from the respective provincial allocations. Therefore, silage barrels will be better utilized for fodder.

Output 4: Feed testing facility at the VICs are improved and attached staff is trained for proximate testing techniques

The modality was finalized to strengthen the VRI nutrition laboratory instead of improving VIC labs. Accordingly, VRI laboratory staff were given hands on experience in using Gas

Chromatography (GC) analyzer for estimating nutrient composition in different roughage feed ingredients. In addition, VRI will get a brand new GC analyzer together with a Soxhlet extraction unit. Soxhlet extraction is used when the desired compound has a limited solubility in a solvent, and the impurity is insoluble in the solvent. Therefore, it is important in analysis of roughage samples. Foreign training exposure for a Research Assistant will also be received under this output.

The most noted observations during the project implementation period

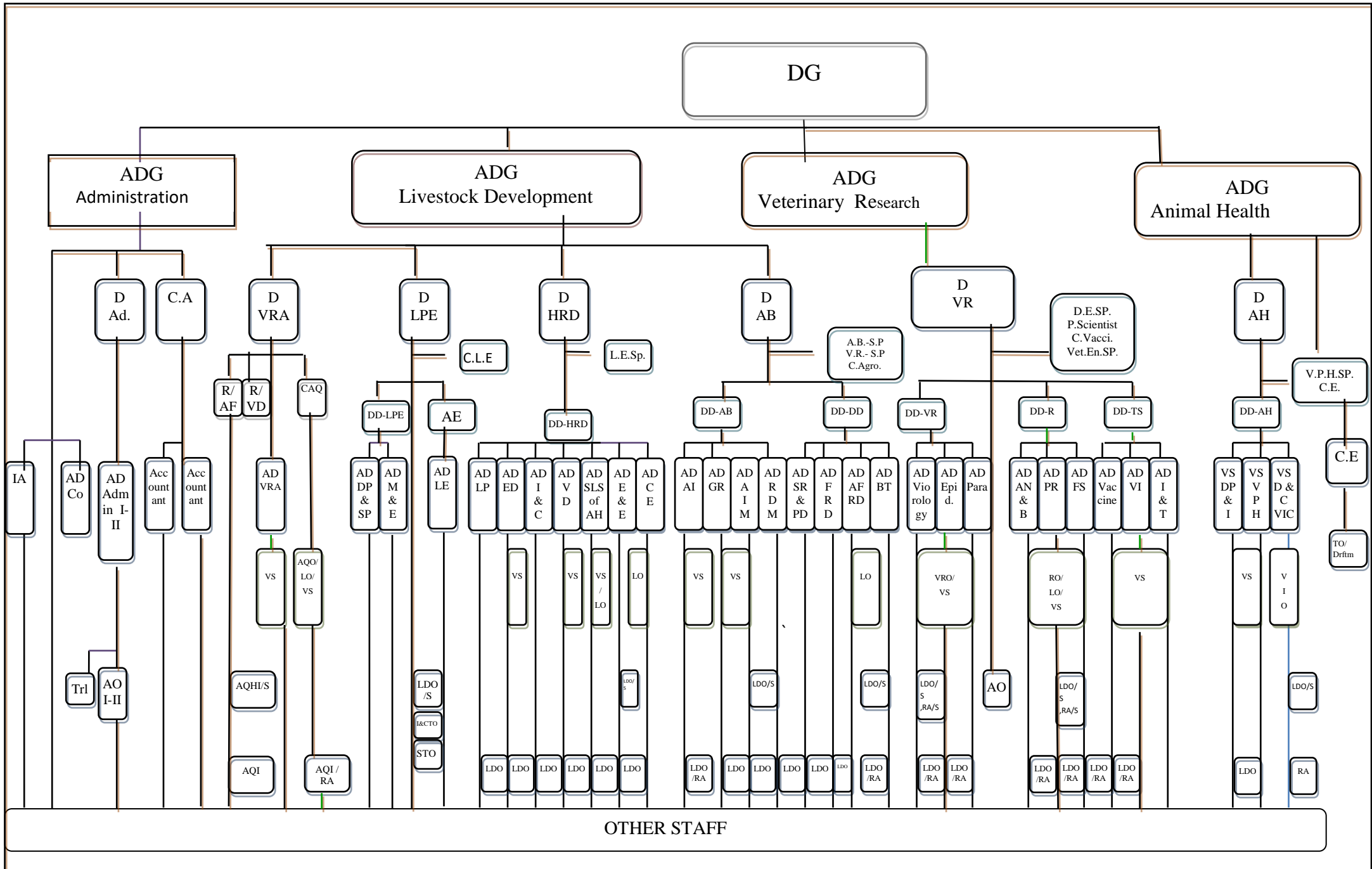
Use of annual fodder such as Sorghum, Maize etc., is very excellent in terms of energy nutrition for dairy cattle feeding. Among the annual crops, Sorghum was proven to be best compared to maize as Sorghum provide four successful ratoon crops while surviving heavy drought under limited soil moisture. When maize is grown, farmers wait for maturing of first cobs to human consumption and the whole plant is used for chopping and feeding. As the wholesome nutrition of the maize plant is not reached to the animals, promotion of maize may not get the full advantage of feeding cows.

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Organization Structure - Department of Animal Production & Health

Annex I



DG	Director General - Dept of Animal Production and Health
ADG	- Additional Director General
D/Ad	- Director, Administration
C.A	- Chief, Accountant
D/VRA	- Director, Veterinary Regulatory Affairs
D/LPE	- Director, Livestock Planning and Economics
D/HRD	- Director, Human Resource Development
D/AB	- Director, Animal Breeding
D/VR	- Director, Veterinary Research
D/AH	- Director, Animal Health
C.L.E	- Chief Live stock Economist
L.E.Sp.	- Livestock Extension Specialist
A.B.SP.	- Animal Breeding Specialist
V.R.SP.	- Vet Reproduction Specialist
C.Agro.	- Chief Agronomist
D.E.SP.	- Dairy Engineering Specialist
P.Scie.	- Principal Scientist
C.Vaccin..	- Chief Vaccinologist
V.In.SP.	- Vet Investigation Specialist
V.P.H.SP.	- Vet Public Health Specialist
C.E.	- Chief Epidemiologist
R/AF	- Registrar Animal Feeds
R/vd	- Registrar Veterinary Drugs
CAQ	- Chief Animal Quarantine Officer
DD-LPE	- Deputy Director Livestock Planning and Economics
AE	- Agri Economist

C.E.	-Civil Engineer
DD-HRD	- Deputy Director, Human Resource Development
DD-AB	- Deputy Director, Animal Breeding
DD-DD	- Deputy Director Dairy Development
DD-VR	- Deputy Director Veterinary Research
DD-R	- Deputy Director Research
DD-TS	- Deputy Director Technical Research
DD-AH	- Deputy Director Animal Health
IA	- Internal Auditor
AD-Co	- Assistant Director, Coordinating Service
AD-Admin	- Assistant Director, Administration
AD-VRA	- Assistant Director, Veterinary Regulatory Affairs
AD-DPSP	- Assistant Director, Development Planning and Special Projects
AD-M&E	- Assistant Director, Monitoring and Evaluation
AD-LE	- Assistant Director, Livestock Economics
AD-LP	- Assistant Director, Livestock Promotion
AD-ED	- Assistant Director, Enterprises Development
AD-I&C	- Assistant Director, Information and Communication
AD-VD	- Assistant Director, Veterinary Diffusion
AD-SLSAH	- Assistant Director, Sri Lanka School of Animal Husbandry
AD-E&E	- Assistant Director, Examination and Evaluations

AD-CE	- Assistant Director, Continuing Education
AD-AI	- Assistant Director, Artificial Inseminations
AD-GR	- Assistant Director, Genetic Resources
AD-GR	- Assistant Director, Genetic Resources
AD-AIM	- Assistant Director, Artificial Insemination Monitoring
AD-RDM	- Assistant Director, Reproductive Diseases Management
AD-SR & PD	- Assistant Director, Small Ruminants and Poultry Development
AD-FRD	- Assistant Director, Farm Resources Development
AD-VI	- Assistant Director, Veterinary Investigation
AD-PR	- Assistant Director, Pasture Research
AD-AFRD	- Assistant Director, Animal Feed Resources Development
AD-BT	- Assistant Director, Base Technology
AD-Virology	- Assistant Director, Virology
AD-Epid	- Assistant Director, Epidemiology
AD-Para	- Assistant Director, Parasitology
AD-AN&B	- Assistant Director, Animal Nutrition and Breeding
AD-PR	- Assistant Director, Pasture Research
AD-FS	- Assistant Director, Farming System

AD-Vaccine	- Assistant Director, Vaccine
AD-VI	- Assistant Director, Veterinary Investigation
AD-I&T	- Assistant Director, Information & Technical
AD-DP&I	- Assistant Director, Disease Prevention & Information
AD-VPH	- Assistant Director, Veterinary Public Health
AD-D&CVIC	- Assistant Director, Diagnostics & Coordination of veterinary Investigation centers
Engineer-Civil	- For maintaining Unit
VS	- Veterinary Surgeon
AQO	- Animal Quarantine officer
LO	- Livestock officer
STO	- Statistical Officer
I&CTO	-Information & Communication Technical Officer
VRO	- Veterinary Research Officer
RO	- Research officer
VIO	- Veterinary Investigation Officer
AO	- Administrative Officer
Trl	- Translator
LDO/S	- Livestock Development officer/Special

RA/S	- Research Assistant/Special
TO	- Technical Officer
Drftm	-Draftman
LDO	- Livestock Development officer
RA	- Research Assistant
<u>Other Staff</u>	
Associate Service Officers	
Management Assistants	
Primary Grade Staff	

Key Data on the Poultry Industry (2015 - 2016)

Activity	2015	2016	Growth (%)
1. Procurement of Grand Parent and Parent stock			
Grand Parent Stock (Broiler)	35627	20950	-41.20
Parent Stock('000)			
Broiler	1190.78	1377.41	15.67
Layer	56.61	117.55	107.66
2. Production of Day - Old Chicks(m)			
Broiler	126.28	130.15	3.06
Layer	7.29	7.88	8.09
3. Production of Poultry Feed (MT)			
4. Export of Poultry Products			
Day- Old Chicks	330984	250919	-24.18
Chicken and Chicken Products (MT)	96.45	124.70	29.29
Table Eggs	4224764	4092854	-3.12
Hatching Eggs	2112620	68940	-96.73
5. Import of Poultry Products			
Chicken and Chicken products (MT)	494.99	305.66	-38.25
Egg Products (MT)			
Egg Powder/Egg Albumin	15.54	8.78	-43.50
Liquid Egg	87.00	54.63	-37.20

Activities Performed at Veterinary Investigation Centers - 2016

Programme	Activity	Total
1. Disease Investigation in the field	1.1 Field Investigation	349
	1.2 Sample collection for testing	2,295
	1.3 Investigation Reports	266
	1.4 Follow-up / further investigation	125
2. Laboratory Service for disease diagnosis	2.1 Post-mortem examinations	
	- Poultry (No. of birds)	3,928
	- Other Species	231
	2.2 Testing of samples	
	- Bacteriological (Culture)	4,662
	- ABST	2,182
	- Parasitological - Blood	5,290
	- Fecal Sample	2,532
	- Skin	89
	2.3 Milk analysis (including PPRS)	18,733
2.4 Samples dispatch for further testing	1,316	
3. Vaccine Production & Vaccination	3.1 CPD Vaccine (No. of farms)	259
	3.2 Wart Vaccine (No. of Animals)	579
	3.3 Babesiosis Vaccine (No. of Animals)	1,901
4. Supply of lab. Inputs to Veterinary Offices	4.1 CMT reagent (Litre)	430
5. Dairy Farm Health Improvement Project	5.1 New farm registration	524
	5.2 No. of Total Registered Farm	2,116
	5.3 Farm Visited	2,463
	5.4 Mastitis screening (CMT)	17,084
	5.5 milk sample testing (ABST)	1,402
	5.6 No. of sample tested for Helmenthiosis	7,027
	5.7 Teat dip solution issued (L)	5,356
6. Brucellosis Control Programme	6.1 Screening dairy herds (MRT)	1,446
	6.2 Animal screening in suspected herds (RBPT)	1,875
	6.3 No. of samples submitted for CFT	532
	6.4 Vaccination of Animals S19	5,984
	7.1 No of Breeder farm to be monitored	53
7. Salmonella Control Programme	7.2 No of Breeder farm visits	121
	7.3 No of birds tested	26,007
	7.4 No of hacheries to be visited	34
	7.5 No of Hatchey visits	104
	7.6 No of Hatchey samples tested	9,116
8. Avian Influenza surveillance programme	8.1 No of serum samples	4,968
	8.2 No of dropping samples at Hotspots	4,650
	8.3 No of cloacal swabs (Backyard)	4,085
	8.4 No. of sample (live bird market)	850
	8.5No. of Samples (Poultry Processing Estalishment)	2,165
	8.6 Duck serum sample	790
	8.7 No of cloacal swabs (Duck)	701
9. No. of Animals Tested for TB	9.1 No. of PPD Tests	1,921

Research Publications in 2016

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- 3 Chathuranga, K.A.K., Mahipala, M.B.P., Korale Gedara, P.M., Senarathne, R.P.B.S.H., **Weerasinghe, W.M.P.B.**, (2016) Herd management and economics of dairy cattle milk production in the coconut triangle. *In Proceedings of the Faculty of Agriculture Undergraduate Research Symposium, 16th December 2016.* P- 189.
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- 8 Gunasinghe, U.L.D.N.S., David, L.S., **Priyankarage, N.**, (2016) Performance of Village Chickens given Commercial Probiotic Added Drinking Water. *In Proceedings of 2nd National Symposium on Agriculture 2016, Faculty of Agriculture, Eastern University, Sri Lanka* pp 8-11
- 9 Herath H. M. A. E., Samarasinghe K., **Priyankarage N.** Vidanarachchi J. K., (2016) Effect of Supplemental Carbohydrase Enzyme on the Feeding Value of Palm Kernel Cake for Broiler Chicken. *In Proceedings of Faculty of Agriculture Undergraduate Research Symposium 2016, University of Peradeniya, Sri Lanka.* Pp 98
- 10 Hettiarachchi, I.O., Wijayagunawardena, M.P.B., **Weerasinghe, W.M.P.B.**, Ranaweera, K.K.T.N., (2016) Analyzing milk urea nitrogen concentration of lactating dairy cows at Ridiyagama farm. *In Proceedings of the Faculty of Agriculture Undergraduate Research Symposium, 16th December 2016.* P-2.

- 11 Hulugala, W.M.M.P.; Vidanarachchi, J.K.; Johansson, M.; Lunddh, A.; Ranadheera, S and **Mangalika, U.L.P.** (2016). Investigation of Microbial Quality, Somatic Cell count and Lipolytic activity of Raw Milk collected from Galaha and Thalathuoya Veterinary Ranges. Paper presented at the proceedings of Faculty of Agriculture Undergraduate Research Symposium, University of Peradeniya, Peradeniya, Sri Lanka, pp. 49
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- 13 Kalupahana, R.S., Rajapaksa, D.I.G., **Fernando, P.S.**, Thilakarathne, D.S. (2016). Occurrence and characterization of nontyphoid Salmonella in retail table eggs in Kandy district of Sri Lanka. *Food control*, 72, 244-248.
- 14 Karawita A.C., Perera V.P., **Perera S.**, Silva D.S.D., Jayaweera W.R., Himsforth, C.G., Bollinger T.K. and Gunawardena P. de S., 2016. *Calodium hepaticum* in Jungle Cats (*Felis chaus*) in Sri Lanka. *Journal of Wildlife Diseases*, 52(4).
- 15 **Kasagala KHDT**, Kurcheti Pani Prasad*, Makesh M and Gireesh Babu P (2016) Comparative Protective Antigenicity of 37 Kda Major Outer Membrane Protein (Omp) and 61 Kda whole Cell Extracted Protein of *Edwardsiella tarda* in Rohu (*Labeo rohita*). *Vaccines & Vaccination Open Access*.
- 16 Kasuya K., **Manchanayake T.**, Uenoyama K., Kawa S., Takayama K., Imai N., Shibahara T. (2016) Multifocal suppurative granuloma caused by *Actinobacillus lignieresii* in the peritoneum of a beef steer. *J Vet Med Sci.* (online)
- 17 Liyanage T.D. and **Palliyeguru M.W.C.D.**, (2016) The Dietary Probiotics and Acidifiers as Gut Health Enhancers Compared to Antibiotics in Broiler Chicken Feeds *World Poultry science Association, Book of Abstracts xvth Annual Scientific Sessions of Sri Lanka Branch*, 07-08.
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- 20 **Liyanagunawardena N, Fernando P.S, Weerasooriya K.M.S.G, Wijewardena G, Samarakoon S.A.T.C, Abayarathna P.M.K.** (2016). SG 9R vaccine to control Salmonellosis in poultry breeder flocks in Sri Lanka. *International journal of Livestock Research*, 6 (10), 27-33, 2016.
- 21 **Liyanagunawardena N.**, Sivakumar T., **Kothalawala H., Silva S.S.P.**, Badgar Battsetseg, Dinh Thi Bich Lan, Noboru Inoue, Ikuo Igarashi, Yokoyama N. (2016). Type-specific PCR assays for *Babesia bovis* MSA-1 genotypes in Asia: Revisiting the genetic diversity in Sri Lanka, Mongolia and Vietnam. *Infection Genetics and Evolution*, 37, 64-69, 2016

- 22 **Palliyeguru M.W.C.D.**, Liyanage T.D., Wijerathne W.M.C.G., Samarakone T. S., Nayananjalie W.A.D., **Kasagala K.H.D.T.**, (2016) The effect of improved local fishmeal compared to imported fishmeal in broiler chicken diets on their growth performance, meat quality parameters and necrotic enteritis exposure. *The Sri Lankan Veterinary Journal* 63 supplement, 47.
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- 27 Rathnayake, R. M. C. S., **Mangalika, U. L. P.**, Adikari, A. M. J. B., and Nayananjalie, W. A. D. (2016). Changes in Compositional and Keeping Quality Parameters of Cow Milk on Ethanol Stability. *International Journal of Livestock Research*. 6: 83-89.
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- 29 Shanaziyaa, A. S. F., **Mangalika, U. L. P.**, and Nayananjalie, W. A. D. (2016). Manufacturing of Paneer with Different Coagulants using Cow and Buffalo Milk In: Proceedings of the Annual Research Symposium, Faculty of Agriculture, Rajarata University of Sri Lanka. p 35.
- 30 Silva, S.N.S., **Pathirana, A.P.D.G., Fernando, P.S., Alexander, U.K.S.P., Priyankarage, N.**, Gunaratne, S.P., and **Silva, S.S.P.** (2016). In-vitro efficacy of four sodium salts of organic acids against E. coli isolated from poultry outbreaks in Sri Lanka. In the proceedings of the 15th Annual Sessions of the World's Poultry Science Association, Sri Lanka Branch, 15 September 2016. 16-18
- 31 Sivakumar, T., **Kothalawala, H., Weerasooriya, K.M.S.G., Silva, S. S. P., Puvanendiran, S.**, Meewewa, S.A., Sukumar, S., Kuleshwarakumar, K., and Yokoyama, N (2016). A longitudinal study of Babesia and Theileria infections in cattle in Polonnaruwa and Nuwara Elya Districts, Sri Lanka. In Supplement of Sri Lanka Veterinary Journal, vol. 63, pp 37, abstract
- 32 Sivakumar,T.,Kothalawala,H.,**Weerasooriya,K.M.S.G.,Silva,S.S.P., Pvanendiran, S.** ,Tserendoj.M., Igarashi,I. (2016).A longitudinal study of Babesia and Theileria infections in cattle in Sri Lanka. *Veterinary Parasitology: Regional Studies and Reports*,6,20-27.

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- 34 **Ubeyratne, J.K.H.** (2016). Snuffles (Pasteurellosis): Identification of *Pasteurella multocida* Serogroup F isolates in rabbits. Published in 27th Annual General Meeting 2016 of State Veterinary Surgeons' Association
- 35 **Weerasooriya, K.M.S.G., Fernando P. S., Liyanagunawardena, Wijemuni, M.I.** (2016). Assessment of laboratory diagnosis and field screening test for identifying brucellosis in herds with reproductive disorders. Brucellosis 2016. International Research Conference, 17-19 November, New Delhi, India, Pp152.
- 36 **Weerasooriya, G., Sivakumar, T., Bich, L.D.T., Long, P.T., Takemae, H., Igarashi, I., Inoue, N., Yokoyama, N.** (2016). Epidemiology of bovine hemoprotozoa parasites in cattle and water buffalo in Vietnam. *Journal of Veterinary Medical Science* 78(8).
- 37 **Weerasooriya, K.M.S.G., Sivakumar, T., Bich, L.D.T., Long, P.T., Kothalawala, H., Silva, S.S.P., Yokoyama, N.** (2016). A molecular epidemiological survey of Bovine Babesia, Theileria and Trypanosoma in Cattle and Water Buffalo in Vietnam. (In) proceedings of Annual scientific sessions of the Sri Lanka Veterinary Association 15-16th July 2016, Vol.63, Pp 42.
- 38 Weerathilaka, W.A.D.V., Sinclair, K.D., Sinclair, L.A., **Weerasinghe, W.M.P.B.**, Gamika, G.A., (2016) Effect of dietary cobalt, dietary vitamin B₁₂ injection on intake, performance and whole tract digestibility of high yielding dairy cows. *In Proceedings of the Wayamba University International conference*, p-223.

Name of Attend Overseas Training / Meeting / Workshops / Visit

Name of the Officer	Course / Programme	Country
Dr. G .Manchanayake	Research Technology	Japan
Dr. P.K Kumara	Herd health management of Dairy Buffalo	India
Dr. K.S.P.wijenayake		
Dr. H.U.T.D .Amarathunga		
Mrs .D.M.B.M. Dissanayake	Strengthen low income families	Korea
Dr. P.N.C.Fernando	Cattle Management for milk & meat	
Dr.D.S Maharambe	2 nd BCIM Seminar & Workshop	China
Dr .L.W.B.Epakanda		
Dr .L.M.P.Wijemanna		
Mr.T.R.M.A.M.Rathnayake	Master Trainers New Zealand Dairy Learning Experiment	New Zealand
Dr.K.Maheswaran		
Dr.W.M.N.A.keenapitiya		
Dr.K.Periyasamy		

Support for Post Graduate Training

	Name of the officer	Course/ Programme
01	Dr. (Mrs) B.A. Hemanthi	Public Management
02	Dr. (Mrs) A. Prabakaran	Organizational Management
03	Dr. (Mrs) J. Malathy	Public Administration
04	Dr. (Mr) K. Periyasami	MSc in Animal reproduction
05	Dr. (Mrs) R.L.A.I. Rathnayake	MSc in Animal reproduction
06	Dr. (Mrs) K. Suthakaran	MSc in Dairy & Meat Production & Technology
07	Mr. M.T.G.G.M. Jayathilaka	Postgraduate Diploma in IT

Details of Examinations Conducted in 2016

No	Name of the Examinations	Number of Applicant
01	SLSAH Repeat Examination (1 st year)	04
02	SLSAH Repeat Examination (2 nd year)	01
03	2015-2017 batch 1 st year Examination	108
04	Technical officer Recruitment Examination	08
05	LDO Recruitment Examination (internal)	03
06	Repeat Examination (IT)	18
07	Repeat Practical Examination (Crop)	01
08	Repeat Practical Examination (Ag Engineering)	05
09	Repeat Practical Examination (Cattle management)	12
10	Repeat Practical Examination (Anatomy & Phy.)	01
11	Re-Repeat Practical Examination (IT)	12
12	Evaluation Test (IT) SLSAH Seppukulama	64
13	LDI Promotion Examination	04
14	1 st year Examination for 2016-2018 batch at SLSAH Seppukulama	64

Provincial Activities
Progress of Services / Activities of Provincial DAPH - 2016

Dispensary Cases	WP	CP	SP	NP	EP	NWP	NCP	UP	SabP	Total
Cattle/Buffalo	7,157	3,697	9,813	17,704	7,972	23,061	8,084	3,243	2,830	83,561
Goat/Sheep	2,844	1,616	1,955	22,352	6,123	4,984	2,083	496	1,336	43,789
Pigs	1,085	581	240	135	866	10,750	644	42	234	14,577
Poultry	79,387	70,417	81,963	392,119	97,541	2,256,022	44,064	26,483	45,336	3,093,332
Pet Animals	13,286	9,986	6,049	20,261	2,679	8,103	3,098	3,009	3,340	69,811
Others	1,446	338	257	1,122	2,772	780	1,023	23	312	8,073
Sub Total	105,205	86,635	100,277	453,693	117,953	2,303,700	58,996	33,296	53,388	3,313,143

Field Cases	WP	CP	SP	NP	EP	NWP	NCP	UP	SabP	Total
Cattle/Buffalo	8,814	13,070	8,603	14,728	15,261	24,552	10,615	9,855	4,432	109,930
Goat/Sheep	2,794	2,938	1,585	8,031	10,055	4,075	3,109	602	1,254	34,443
Pigs	2,181	372	365	298	382	11,391	621	46	243	15,899
Poultry	82,054	20,222	41,327	123,355	114,038	149,305	23,033	23,449	53,063	629,846
Pet Animals	0	117	151	205	129	30	2	43	106	783
Others	86	11	1	6	1,286	727	506	1	35	2,659
Sub Total	95,929	36,730	52,032	146,623	141,151	190,080	37,886	33,996	59,133	793,560

Issue of Health Certificates	WP	CP	SP	NP	EP	NWP	NCP	UP	SabP	Total
Cattle	895	1,355	265	2,193	2,497	1,201	1,196	1,507	328	11,437
Buffalo	293	24	198	48	279	81	86	538	19	1,566
Goats	209	335	83	651	708	330	131	60	110	2,617
Pigs	379	231	126	165	100	164	196	33	21	1,415
Others	0	1	2	22	2	19	5	8	3	62
Sub Total	1,776	1,946	674	3,079	3,586	1,795	1,614	2,146	481	17,097

Milk Collection by Main Milk Collecting Organization 2015 - 2016

Province	District	Milk Collection Lts.	
		2015	2016
Western	Colombo	1,210,050	6,685,496
	Gampaha	5,204,035	4,645,854
	Kalutara	882,675	1,697,122
	Total	7,296,760	13,028,472
Central	Kandy	11,834,252	14,946,979
	Matale	7,387,258	8,437,567
	Nuwara-Eliya	53,239,340	51,290,861
	Total	72,460,850	74,675,406
Southern	Galle	812,861	942,888
	Hambantota	753,942	9,781,400
	Matara	1,931,533	909,263
	Total	3,498,336	11,633,551
North Central	Anuradhapura	18,508,366	19,927,496
	Polpnnaruwa	10,672,643	8,948,864
	Total	29,181,009	28,876,360
North Western	Kurunegala	31,774,087	31,851,764
	Puttlam	12,233,417	11,354,250
	Total	44,007,504	43,206,014
Northern	Jaffna	3,686,730	5,126,509
	Kilinochchi	2,601,468	3,269,727
	Mannar	1,640,605	1,976,455
	Mullativu	3,573,250	3,768,915
	Vauniya	3,245,113	3,689,594
	Total	14,747,166	17,831,200
Eastern	Ampara	7,593,774	7,613,900
	Batticaloa	9,812,286	9,351,080
	Trincomalee	3,342,765	3,168,245
	Total	20,748,825	20,133,225
Uva	Badulla	15,208,085	15,340,149
	Moneragala	3,402,376	3,823,358
	Total	18,610,461	19,163,507
Sabaragamuwa	Kegalle	405,347	441,773
	Rathnapura	1,498,805	1,493,720
	Total	1,904,152	1,935,493
* Other		5,986,753	185,290
Island Total		218,441,816	230,744,363

* Collection details received from ;

- | | |
|--|---------------------------------|
| * Ambewela Products | * Cargills Quality Dairies |
| * CIC Dairies Pvt. Ltd | * Fontera Brands Lanka Pvt. Ltd |
| *Kotmale Dairi Product (Pvt) Ltd | * Lanka Dairies (Pvt) Ltd |
| * Milco (Pvt)LTD | * Richlife Dairies Ltd. |
| * Nestle Lanka Ltd. | |
| * Pelwatte Dairy Industries Ltd. | |
| * Polonnaruwa Milk Co-op Society | |
| * Other- area is not clearly mentioned | |

Quarantine Holdings of Horses - 2016

Colombo						
	Animal	Breed	Number	Country	1st Date of Quarantine	Period of Quarantine
1.	Horses	Thoroughbred	10	India	05.03.2016	30 days
2.	Horses	Thoroughbred	06	India	30.05.2016	30 days
3.	Horses	Thoroughbred	12	India	04.08.2016	30 days
4.	Horses	Thoroughbred	06	India	22.12.2016	29 days
Katunayake						
1.	Horses	Thoroughbred	05	India	03.06.2016	30 days

Details of Consignments subjected to Quarantine Surveillance in 2016

Type of Animal/Animal- product/Animal By-product		No. of consignments arrived		Quantity arrived (No. / MT)		No. of consignments inspected		
		2015	2016	2015	2016	2015	2016	
1.	DOC	- Grand Parents	08	06	63,613	50,934	08	06
		- Layer Parents	16	23	78,600	171,532	16	23
		- Broiler parents	21	41	212,214	349,312	21	41
		- Commercial layer	-	-	--	--	--	-
2.	Meat	- Poultry	24	26	571.18	252.81	25	26
		- Beef	28	34	94.04	110.67	28	34
		- Mutton	19	21	304.57	296.65	19	21
		- Lamb	12	31	188.06	131.41	12	31
		- Pork	04	06	48.63	24.23	04	06
		- Venison	-	--	-	--	--	--
		- Duck	02	15	12.58	28.5	02	15
		- Turkey	03	03	--	24.4	03	03
		- Casings	06	04	8.04	5.25	06	04
3.	Table eggs	-	-	--	--	-	--	
4.	Hatching eggs	02	02	63,720	68,400	02	02	
5.	Meat and Bone Meal	145	151	17,840.88	18,890.73	154	151	
6.	Ornamental fish (marine+-Fresh water)=	267	306		1,345,402	267	306	

Details of Consignments subjected to Quarantine Surveillance in 2016

Type of Animal/Animal- product/Animal By-product		No. of consignments arrived		Quantity arrived (No. / MT)		No. of consignments inspected	
		2015	2016	2015	2016	2015	2016
7.	Cattle	02	-	2,495	-	02	-
	Goats	--	-	--	-	---	-
	Zoo animals	01	01	04 (swans)	04 (kangaroo)	01 (swans)	01
	Horses	08	05	60	52	08	05
	Pet birds		09	967 Nos.	602	15	09
	Pig	01	-	32	-	01	-
	Rabbit	01	02	01	64	01	02
	Guinea Pig	01	-	01	-	01	-
8.	Dogs/Cats	279	266	797	350-nos	279	266
9.	Fish meal	200	195	8,922.17	8,252.73	200	195
10.	Prawn feed	297	277	8,739.35	8,063.71	297	277
11.	Tallow	20	14	870.06	540.18	20	14
12.	Gelatine	58	71	636.97	744.38	58	71
13.	Egg powder	08	07	6.04	06	08	07
14.	Egg Albumin	08	02	9.5	2.8	08	02
	Whole liquid egg	10	07	87.00	54.63	10	07
15.	Feather /Skins/Bristles - Other Products	06	91	Bristles - 67.90, Feather - 1.21, Skins - 1.00	Bristles - 89.69 Feather - 0.92 Skins - 0.49	Bristles & Feather -128 Feather- Skin-01	91

Details of Consignments subjected to Quarantine Surveillance in 2016

Type of Animal/Animal- product/Animal By-product		No. of consignments arrived		Quantity arrived (No. / MT)		No. of consignments inspected	
		2015	2016	2015	2016	2015	2016
16.	Frozen fish	959	1,262	29,731.27	34,399.61	45	1,262
17.	Fish Food	61	67	848.14	1,130.58	61	67
18.	Leather	244	248	477.34	550.56	244	248
19.	Feed Ingredients (Soya bean meal, Corn meal, Wheat, Maize, Rape seed, Guar meal, palm kernel, cotton seed meal)	1,084	1,044	246,661.75	240,371.29	1,084	1,044
20.	Chicken products (Chicken powder, Chicken essence, Chicken extract, Chicken soup)	24	55	50.82	821.48	24	55
21.	Pet food	84	86	1,197.69	1,080.90	1,197.69	86
23	Vaccines	--	08	--	201,280	--	08
24	Veterinary drugs	51	-	62.13	-	51	-
25	Semen	02	02	6,500 vials	10,000 doses	02	02
26	Yoghurt culture	22	03	72.26	4.71		03

Export of Animals, Animal Products and Animal By-Products - 2016

Category		Number/ Quantity (MT) in 2015	Number/ Quantity (MT) in 2016
	Item		
01	Ornamental fish	26,385,069 (tails)	2,7002,117 (tails)
02	Dogs	121	164
03	Cats	47	56
04	Poultry -DOC	340,569	324,835
05	Pet birds	1,429 Nos.	217
06	Zoo animals	04	--
07	Elephants	01	--
08	Rabbit/rat/hamster	--	--
09	Animal products-meat and meat products	1,357.386	1,492.1
10	Table eggs	4,224,764	4,092,854
11	Hatching eggs	2,109,140	68,946
12	Animal by products- Artistic brushes/ dog chews/elephant dung papers/hat/hat parts	2,151,545 pieces	2,095,807 pieces
	Drums	19 Nos.	04 drums
	Bone grits/cattle bone and crushed/dry crab shells	91.03	56.35
13	Leather	314.42	34.13

Details of Consignments Destroyed/ Re exported in 2016

Category & Date of Registration	No	Type of Consignment	Country of Origin	Reason for destruction/ detention	Quantity Kg/ No.	Action taken
1. Cargills Quality Foods. Imported on 02.10.2015	1.	Chicken MDM M/2015/10/01	Brazil	Unsatisfactory MRI report	27,000.00	Re-exported on 12.07.2016
	2.	Chicken MDM M/2015/10/02	Brazil	Unsatisfactory MRI report	27,000.00	
3. Keels foods Products PLC. 18.11.2015	3.	Chicken MDM M/2015/11/10	Brazil	Unsatisfactory MRI report	27,000.00	Re-exported on 21.07.2016
4. Ceylon Agro Industries 10.04.2015	4.	Chicken MDM M/2015/04/04	Belgium	Unsatisfactory MRI report	27,000.00	Destroyed on 18-01-2017
KATUNAYAKA						
1.	1	Meat-Lamb	Kuwait	No Import Permit	12kg	Destruction
2.	2	Meat-Mutton	Pakistan	No Import Permit	205kg	Destruction
3.	3	Meat-Sheep	Kuwait	No Import Permit	3kg	Destruction
4.	4	Pigeons	Kuwait	No Import Permit	25	Re-Export

*IVHC - International Veterinary Health Certificate

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LPE/2017/02