



REPUBLIC OF NAMIBIA
MINISTRY OF AGRICULTURE WATER AND FORESTRY



DIRECTORATE OF VETERINARY SERVICES

NATIONAL SUMMARY REPORT



February 2016

Contents

1. HIGHLIGHTS	3
2. WEATHER, GRAZING AND LIVESTOCK CONDITION	3
3. DISEASE SURVEILLANCE AND CONTROL	11
5. MARKETING	15
6. VETERINARY PUBLIC HEALTH.....	19
7. CAPITAL PROJECTS.....	24
8. FENCES.....	26
10. TRAINING	27
11. PERSONNEL.....	28
12. MEETINGS.....	28
13. ADMINISTRATION (Vehicles, registers, stock, returns to head office).....	29

Cover Picture: Sheep in an auction pen

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1. HIGHLIGHTS

The OIE Scientific Commission for Animal Diseases (Scientific Commission) concluded that Namibia fulfils the requirements to be recognised as having a negligible risk for Bovine Spongiform Encephalopathy (BSE) in accordance with Article 11.4.3 of the OIE *Terrestrial Animal Health Code (Terrestrial Code)* and recommended its recognition by the OIE World Assembly of Delegates at the 84th General Session in May 2016. The same Scientific Commission also concluded that the zone of Namibia located south of the Veterinary Cordon Fence fulfils requirements to be recognised by the OIE as a CBPP free zone, in accordance with Article 11.7.3 of the *Terrestrial Code* and recommended its recognition by the OIE World Assembly of Delegates at the 84th General Session in May 2016.

The FMD, CBPP and rabies vaccination campaigns carried in Kavango East and West regions were successful. In Kavango East 30 895 out of target of 35 000 cattle were vaccinated against FMD with coverage (88.3%). In Kavango West 41 971 out of a target of 50 000 cattle were vaccinated against FMD with coverage of (83.9%). A total of 67 022 cattle were vaccinated against CBPP in the two regions with coverage of 78.8%. Rabies coverage remained low with only 863 pets vaccinated in the two Kavango regions. Farmers' co-operation was very good during the vaccination campaigns.

The Zambezi SV district conducted a first routine round of FMD and Anthrax vaccination campaign during the month under review. A total of 113 026 cattle out of a possible of 119 326 were vaccinated against FMD with coverage of 95%, while 27 509 cattle were vaccinated against Anthrax, which was only given to high-risk areas.

Omusati region started the second four monthly booster for FMD on 23 February 2016 in the FMD high-risk area of the region targeting over 90 000 cattle. A total of 19 383 bovines were vaccinated to date against FMD while the campaign is still ongoing. Pets vaccinated against Rabies were 504 while 1 319 cattle were tagged.

A four member delegation from Republic of Zimbabwe visited Namibia from 22 to 24 February 2016 for NamLITS benchmarking. They visited the stock brands office, a check point between Windhoek and Gobabis, a stud breeder farm, state veterinary office, a communal farm (Ovitoto) and an auction point in Windhoek.

Meatco handed over Government assets at Katima Mulilo Abattoir back to Ministry of Agriculture, Water and Forestry on 28 and 29 February 2016 after an Audit was carried out on 21 and 22 February 2016.

2. WEATHER, GRAZING AND LIVESTOCK CONDITION

2.1 Weather

Most Veterinary Districts received some substantial amounts of rainfall which led to improvement in veld condition.

2.2 Grazing

Grazing conditions were reported to be poor at Grootfontein, Kamanjab, Omusati and Windhoek. Most veterinary districts reported fair and good grazing conditions. The general condition of grazing in the different areas across the country is summarized in the table below:

Table 1: Condition of Grazing

Subdivision	State Veterinary District	Description	Indicator
North East	Zambezi	Grazing was good due to the rain that was received rain	Fair-Good

		in the region.	
	Kavango	Grazing quantity and quality was fair to good and is expected to improve due to rainfall received during the month under review.	Fair-Good
	Grootfontein	Grazing was of poor quality and of poor abundance.	Poor
	Otavi	Grazing was good in general	Good
North West	Oshikoto	Following few showers received during the month under review, grazing condition improved slightly in some areas, but remained poor in the southern parts of the region.	Fair
	Ohangwena	grazing was good in eastern part and still poor in western part of the region	Poor-Fair
	Oshana	The grazing condition slightly improved in some parts of the region.	Fair
	Omusati	Grazing was poor due to exceeded carrying capacity hence grazing pressure on the sprouting vegetation.	Poor
	Opuwo	The vegetation was green therefore enough nutrient for livestock.	Fair
Central	Outjo	The condition of grazing was fair in both commercial and communal areas.	Fair
	Kamanjab	The district received sporadic rains but some areas were still dry, the office hopes to receive to improve grazing.	Poor
	Otjiwarongo	Grazing generally improved in most parts of the district except in the Kalkfeld area	Fair
	Okakarara	The pastures were fair in most areas but still not enough to carry the whole animal population to the next rainy season, despite receiving some rain in other areas the pastures have not improved significantly.	Fair
	Okahandja	Pasture was critical on some farms, others are reasonable.	Fair
	Walvis-Bay	Grazing at Kuiseb Valley was poor in some areas.	Fair
	Omaruru	The grazing available was of poor quality and most of the grass was brown and woody.	Poor
	Windhoek	Grazing was good in both commercial and communal areas.	Poor
South	Otjinene	No Report	
	Epukiro	No Report	
	Gobabis	Most grasses were in their late jointing growth stage While quantity was good.	Fair
	Mariental	Grazing quality was average while quantity was still not sufficient.	Fair
	Keetmanshoop	The quantity and quality of grazing was poor to fair in some parts of the district.	Poor-Fair

2.3 Condition of Livestock

Table 2 below summarizes the condition of livestock throughout the country. Fair livestock condition was noted in most State Veterinary Districts at 3.5 on a scale of 1 to 5.

Table 2: Summary of Body Condition Score of Livestock

SV Area	Commercial	Commercial	Communal	Communal
	Cattle	Small Stock	Cattle	Small Stock
Zambezi			3.0	3.0

Kavango			2.5	2.5
Grootfontein	3.0	3.0		
Otavi	4.0	4.0		
Oshikoto			2.0-3.0	2.5-3.5
Oshana			1.5-2.5	2.0-2.5
Ohangwena			3.2-3.5	3.2-3.5
Omusati			3.0	4.0
Opuwo			3.0-5.0	4.0-5.0
Outjo	2.0-3.0	2.5-3.0	1.5-2.5	2.5
Kamanjab	3.0	3.0	2.0-3.0	2.0-3.0
Otjiwarongo	3.5	3.5		
Okakarara	2.5	3.0		
Okahandja	3.0-4.5	3.0	4.0	
Omaruru	2.0-3.0	2.0-3.0	2.0-3.0	2.0-3.0
Windhoek	3.5	3.5		
Gobabis	4.5	4.5	4.0	4.0
Mariental	2.5-4.0	2.5-3.5		
Keetmanshoop	2.0-3.0	2.0-3.0		

Scale: 1-5

3. ANIMAL DISEASE SITUATION

3.1 Notifiable Diseases

3.1.1 African Swine Fever

African swine fever was diagnosed at one focus at Okahandja District. There were two sick and four dead pigs. The rest of the pigs at the affected focus were destroyed.

3.1.2 Rabies

Table 3: Number of rabies cases by species, February 2016.

Species	Number of foci	Number of cases
Bovine	8	9
Caprine	2	2
Canine	13	16
Eland	1	1
Kudu	7	38
Total	31	66

The spatial distribution of laboratory confirmed cases of rabies in February 2016 are shown in Figure 1.

Figure 1: Confirmed Rabies Foci in February 2016

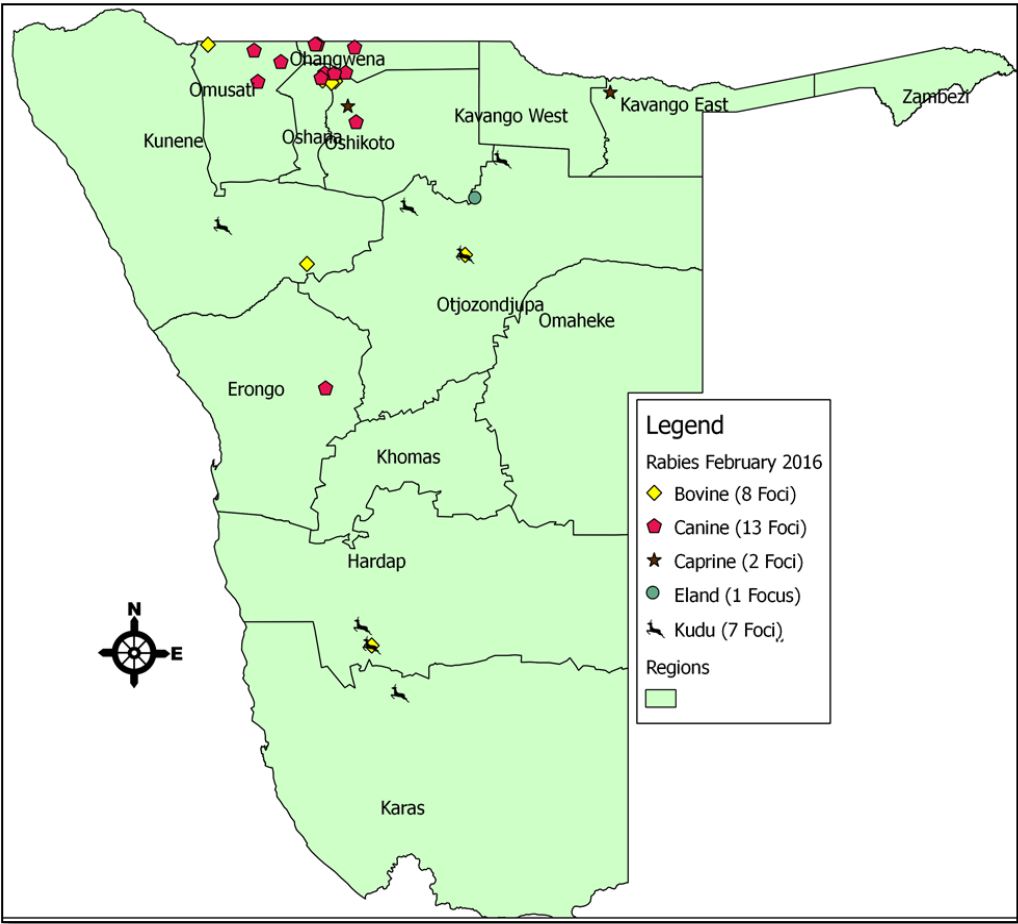


Figure 2: Number of Reported Rabies Cases by Month January and February 2016

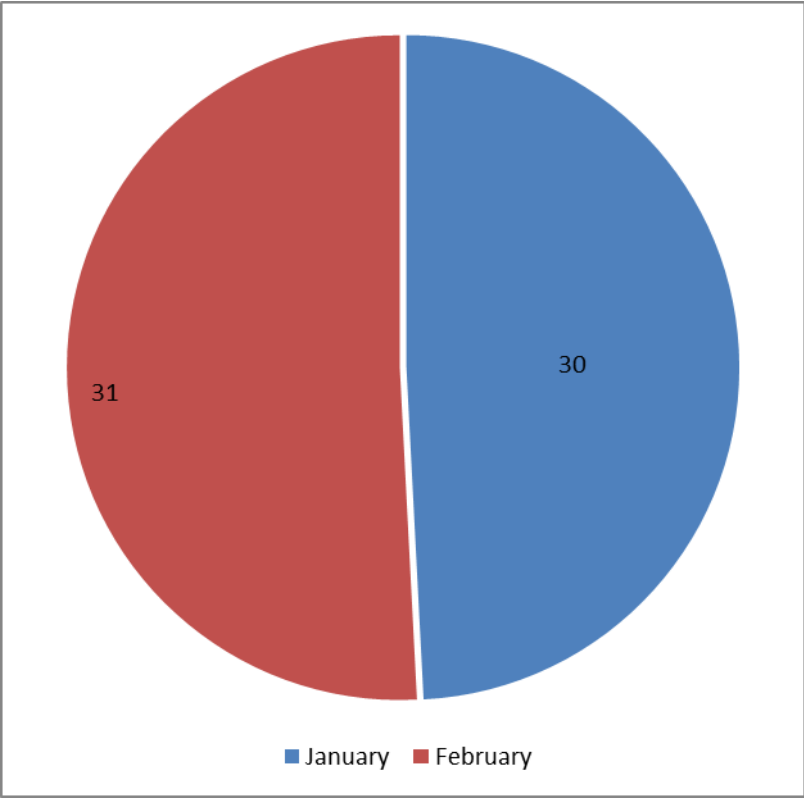


Fig 3: Number of Reported Rabies Foci by month January and February 2016

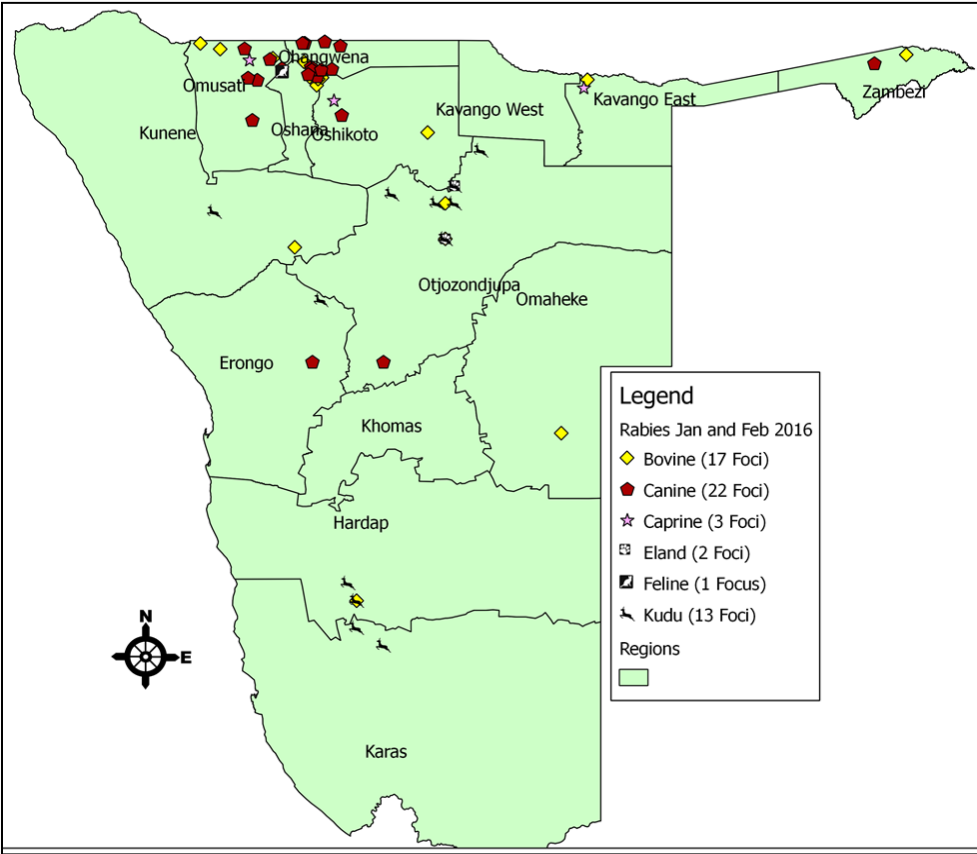


Table 4 Summarizes Reported Notifiable Disease Outbreaks.

Table 4: Summary of Reported Notifiable Disease Outbreaks.

			State Veterinary Districts																							
			North- East Sub-division				North-West Sub-division					Central Sub-division						South Sub-division								
Disease	Species	Data	Zambezi	Kavango	Grootfontein	Otavi	Oshikoto	Ohangwena	Oshana	Omusati	Opuwo	Kamanjab	Outjo	Otiwarongo	Okahandja	Walvis-bay	Omaruru	Windhoek	Gobabis	Ojinenene	Mariental	Keetmanshoop	Month Total	Monthly Clinical Cases	Monthly Deaths	
Rabies	Bovine	Foci			1		2		2	1			1								1		8	0	9	
Rabies	Kudu				2	1						1									2	1	7	0	38	
Rabies	Kudu*				3																		3	3	5	
Rabies	Eland*				2																		2	0	59	
Rabies	Eland				1																		1	0	1	
Rabies	Caprine			1				1																2	0	2
Rabies	Canine							4	2	4	2							1						13	0	16
NCD	Avian*								1															1	2	12
African Swine Fever	Swine															1								1	2	4

*Suspected

3.2 Non-Notifiable Diseases

Drought remains the main cause of death in livestock. Table 5 below summarizes the number of reported Non-Notifiable Diseases during the month under review.

Table 5: Number of Reported Non-Notifiable Disease Outbreaks (Foci) by State Veterinary Districts

		State Veterinary Districts																								
		North- East Sub-division				North-West Sub-division				Central Sub-division							South Sub-division									
Disease	Species	Zambezi	Kavango	Grootfontein	Otavi	Oshikoto	Ohangwena	Oshana	Omusati	Opuwo	Outjo	Kamanjab	Otiwarongo	Okakarara	Okahandja	Walvis-bay	Omaruru	Windhoek	Ojineene	Epukiro	Gobabis	Mariental	Keetmanshoop	Month Total	Monthly Clinical Cases	Monthly Deaths
Anaplasmosis	Bovine							1			1							2						4	6	5
Blackleg	Bovine	1	1						10															12	18	6
Lumpy Skin Disease	Bovine	3					1	1			2							1						8	20	0
Three Day Stiff Sickness	Bovine							1	8															9	32	0
Campylobacteriosis	Bovine												1											1	2	0
Trichomoniasis	Bovine			1							1		1					3						6	7	0
Papillomatosis	Bovine					1	1	1																3	3	0
Dermatophilosis	Caprine	2																						2	4	1
Sweating Sickness	Bovine			1			1		6															8	14	0
Botulism	Bovine		3			3			1															7	9	1
Botulism	Caprine								3															3	6	0
Conjunctivitis	Bovine		1				6	4	8															19	47	0
Conjunctivitis	Caprine						1		5															6	16	0
Foot Rot	Bovine					2		1	4															7	12	1
Foot Rot	Caprine																							1	4	0
Pasteurellosis	Bovine	1	1																					2	9	12
Pasteurellosis	Caprine		2				1											1						8	27	53
Pasteurellosis	Ovine																					1		1	0	5
Pulpy Kidney	Caprine				1		1		5									2						9	78	11
Pulpy Kidney	Ovine																							9	25	10
Orf	Caprine												4		2									6	15	0
Infectious Coryza	Avian					2		4																6	24	16
Fowl pox	Avian							2																2	7	0
Canine Babesiosis	Canine	1									2													3	5	1
Canine Distemper	Canine		1		1			1					3											6	6	2

		State Veterinary Districts																								
		North- East Sub-division				North-West Sub-division					Central Sub-division							South Sub-division								
Disease	Species	Zambezi	Kavango	Grootfontein	Otavi	Oshikoto	Ohangwena	Oshana	Omusati	Opuwo	Outjo	Kamanjab	Otiwarongo	Okakarara	Okahandja	Walvis-bay	Omaruru	Windhoek	Ojine	Epkuro	Gobabis	Mariental	Keetmanshoop	Month Total	Monthly Clinical Cases	Monthly Deaths
Canine Parvovirus Enteritis	Canine	1	3		1		2	11					8	5				21						52	75	28
Ehrlichiosis	Canine							2		3					1									6	12	1
Kennel Cough	Canine	2						1					2											5	5	0
African Horse Sickness	Equine																	1						1	1	0
Sarcoptic Mange	Bovine							1																1	1	1
Sarcoptic Mange	Caprine						1	1																2	4	0
Sarcoptic Mange	porcine							1																1	1	0
Coccidiosis	Bovine							1																2	2	0
Coccidiosis	Caprine						1	1																2	34	0
Verminosis	Bovine					1	1	6	12															20	22	0
Verminosis	Caprine				1	2	4		16															27	634	32
Verminosis	Ovine																							2	5	6
Verminosis	Canine								14															14	14	1
Verminosis	small stock							3																3	70	3
Plant Poisoning	Bovine						1							2										3	4	3
Plant Poisoning	Caprine						1																	1	0	5
Malnutrition	Bovine							2			1													3	4	0
Starvation	Bovine			1																				1	0	56
Starvation	Ovine			1																				1	0	19
Starvation	Bovine			1																				1	0	16
Iodine Deficiency	Bovine			1																				1	3	8
Mineral Deficiency	Ovine																							4	6	0

3 DISEASE SURVEILLANCE AND CONTROL

4.1 Farm Inspections/Community Visits

Routine community visits are carried out in communal areas where Animal Health Technicians exchange information with farmers; give them advice on animal health and production issues and record relevant data. Commercial farm inspections are conducted on a one to one basis with the farm owner or manager. The data collected during community visits and farm visits is summarized in Tables 5 (a) and (b) respectively.

Table 6(a): Summary of Community Visits

SV District	Total no. of communities in Communal area	Communities visited in February	Number of farmers who attended
Zambezi	154	140	2907
Kavango	1122	178	1349
Grootfontein	42	15	-
Oshikoto	165	10	-
Ohangwena	217	11	-
Oshana	76	3	-
Omusati	428	60	1880
Opuwo	228	8	110
Kamanjab	59	3	60
Windhoek	65	-	-
Okakarara	325	-	-
Omaruru	293	42	-
Gobabis	93	-	-
Otjinene	117	-	-
Epukiro	402	-	-
Mariental	63	-	-
Keetmanshoop	159	-	-
Total	4126	470	6306

-figures not provided

Table 6 (b): Farm Inspections.

State Vet District	Total no. of farms	Farms inspected in February	Running Annual	Farms not Inspected	% Inspected to Date
Grootfontein	616	52	52	564	8.4%
Windhoek	571	82	106	465	18.6%
Okahandja	380	-	0	380	0.0%
Otjiwarongo	151	7	7	144	4.6%
Otavi	472	-	0	472	0.0%
Outjo	450	7	7	443	1.6%
Kamanjab	118	-	-	118	0.0%
Omaruru	666	34	60	606	9.0%
Walvis Bay	26	-	20	6	76.9%
Gobabis	669	56	112	557	16.7%
Mariental	1405	12	-	1405	0.0%
Keetmanshoop	1024	2	17	1007	1.7%
Okakarara	379	-	-	379	0.0%
Total	7178	252	381	6546	5.3%

-figures not provided

4.2 Vaccinations

Both compulsory and essential animal vaccinations done during the month under review are summarized in table 7 below.

Table 7: Summary of Vaccination Figures for February 2016

Disease/ Vaccine	Zambezi	Kavango	Grootfontein	Otavi	Oshikoto	Oshana	Omusati	Oshana	Oshana	Oshana	Oshana	Oshana	Oshana	Oshana	Oshana	Oshana	Oshana	Oshana	Oshana	Oshana	Oshana	Oshana	Total
Cattle																							
Anthrax	27509								63			520									1268		29360
FMD	113026	67153					73982																254161
CBPP		67022																					67022
Black quarter		852																					852
Brucellosis									37		46									37			120
Botulism		852								27													879
LSD									38														38
Pasteurellosis		108																					108
Goats																							
Multivax									226			227											453
Pasteurellosis		95																					95
Pulpyvax											936												936
Sheep																							
Pasteurellosis											63												63
Multivax									80			126											206
Dogs/Cats																							
Rabies (dog)		871	54	52				105	103	7	70					402					227	60	1951
Rabies (cat)			5	1					7	2	2					17					62	6	102
Rabies (pets)					199	369	594							1842									3004
Parvo(dog)		11																					11

4.3 FMD Surveillance, Control & Awareness Activities:

Active and passive FMD surveillance is ongoing through inspections during mass vaccination campaigns and investigation of reports from farmers respectively.

4.4 BSE Surveillance / Residue Control:

As part of the Bovine Spongiform Encephalopathy (BSE) surveillance/residue control programme, the BSE control/quality control activities are summarized in the following table.

Table 8: Summary of Surveillance/Residue Control/Quality Control Activities

SV District	Sample Type	Source	Analysis Requested	No. of samples collected
Gobabis	Bone meal	Bone meal factory	Anthrax, Salmonella, Clostridium, Coliforms	1

Bovine Spongiform Encephalopathy (BSE), also known as mad cow disease, has never been diagnosed in Namibia.

4.5 CBPP: Surveillance, Control & Awareness Activities

Active and passive CBPP surveillance is ongoing through inspections during mass vaccination campaigns and investigation of reports from farmers respectively.

4.6 Rabies: Surveillance, Control & Awareness Activities:

Vaccination campaigns were carried out in the following state veterinary districts and regions: Okahandja, Omaruru, Mariental, Keetmanshoop, Kavango East, Kavango West, Oshikoto and Omusati.

4.7 Anthrax: Control & Awareness Activities

A vaccination campaign against anthrax was carried out in the high-risk areas of Zambezi region.

4.8 Avian Influenza: Surveillance, Control & Awareness Activities

No specific activities were carried out during the month under review.

4.9 Lumpy Skin Disease (LSD): Surveillance, Control & Awareness Activities

Active and passive Lumpy Skin Disease surveillance is ongoing through inspections during mass vaccination campaigns and investigation of reports from farmers respectively.

4.10 Tsetse and Trypanosomosis: Surveillance & Awareness Activities

No specific activities were carried out during the month under review.

4.11 Tick Borne Diseases

No cases of Tick Borne Diseases were detected during the month under review.

4.12 Bovine Tuberculosis

No cases of bovine tuberculosis were detected during the month under review.

4.13 Disease Investigation Activities

Disease Report Forms (DRFs) are completed by State Veterinarians and AHT to record disease investigations that are carried out in response to farmers' reports. The forms are sent either directly to the Epidemiology Section in Windhoek or via the laboratory if accompanied by samples and requires laboratory test(s) to reach a definitive diagnosis. Disease report forms submitted by SV offices are summarized in table 8 below.

Table 9: Number of Disease Report Forms Submitted by SV offices in February 2016.

SV District	DRF Accompanying Samples to Laboratory.	DRF sent directly to Epidemiology Section.	Total
Kavango	1	5	6
Grootfontein	4	2	6
Oshikoto	11		11
Oshana	7		7
Ohangwena	3	21	24
Omusati	3	15	18
Outjo	2		2
Okakarara		27	27
Okahandja	1		1
Omaruru	1		1
Windhoek	1	1	2
Gobabis	1		1
Mariental	3		3
Windhoek	1	1	2
Keetmanshoop	3	3	6
Grand Total	41	74	115

4.14 Illegal Animal/Product Movement

No specific activities were carried out during the month under review.

4.15 NamLITS

- NamLITS NCA started a radio awareness campaign program of Stock Brand Act, Act 24 of 1995 on the 29 February 2016. The awareness campaign will go on until 1st May 2016.
- One (1) Tough Book (TB) was stolen from a GRN vehicle at camping site at Katima SVO, all the procedure were followed to report the case to the nearest police and no arrest were made.
- A total of 14 385 cattle were tagged in the two Kavango Regions with the following breakdown; Kavango East (2 984) and Kavango West (11 401).
- NamLITS Connectivity has improved at Omuthiya SVO and vaccination data entry is underway.
- The NamLITS system is running at the Gobabis office but very poor in communal areas where the network is poor, thus hampering the work.
- The NamLITS connection at the Otjimbingwe office in Omaruru SV District was slow, the office plans to issue manual permits and reconcile the records and the end of the month at the Omaruru Veterinary office when they come for month end meetings.

5. MARKETING

5.1 Export

South Africa continues to be the main destination for most exports of animal and animal products from Namibia. The table 10 below provides a summary of exported commodities supervised by DVS staff in February 2016.

Table 10: Export commodities supervised by DVS staffs in February 2016

Commodities	Zambezi	Grootfontein	Otavi	Opuwo	Oshana	Omusati	Ohangwena	Okavango	Okakarara	Ojjiwarongo	Kamanjab	Oufo	Walvis-bay	Omaruru	Windhoek	Gobabis	Mariental	Keetmanshoop	Total
Live animals																			
Cattle										2224(RSA)					80		5104(RSA)	139	7547
Sheep																	5801(RSA)	5497	11298
Goats																	5015(RSA)	3757	8772
Avian							810(ANG)												810
Dog														2(RSA,GER)					2
Meat and meat products and eggs																			
Mutton (kg)												150							150
Sausage (kg)			5																5
Biltong and droëwors(kg)														30(RSA)					30
venison(kg)														15(RSA)					15
Others																			
Fishmeal(kg)													270002.32(CHI,RSA,JAP)						270002.32
Seabird Guano													34000.00						34000.00

(RSA=South Africa, ANG=Angola, CHI=China, JAP=Japan, GER=German)

Table 11: Summary of Export through the various border posts

Animal products	Ariamsvlei	Noordoewer	Trans Kalahari	Hosea Kutako International Airport
Live Animals				
Cattle	11543	325	6032	
Goats	11392			
Sheep	18632	4244		
Horse			12	
Pets			6	
Meat Products and Eggs				

Beef(kg)		38499	212556	66721	
Mutton(kg)		423885	14300		
Canned beef(kg)		15413			
Venison			66		
Other Products					
Tallow				30680	

5.2 Imports

Table 12: Summary of Imports by State Veterinary District

Commodities	Grootfontein	Kavango	Otavi	Ohangwena	Oshana	Onusati	Ondawa	Okavangodja	Outjo	Kamanjab	Walvis-bay	Omaruru	Windhoek	Gobabis	Mariental	Keetmanshoop	Total
Live animals																	
Cattle		28(RSA)											222				250
Sheep																75	75
White Albino mice											105(RSA)						105
Dog				3(ANG)													3
Dairy products																	
Butter (kg)	309		42					245			1453.00(RSA)	93			217		2359
Cheese (kg)	509										6811.53(RSA)					2	7322.53
Cheese (Processed) /kg															893		893
Feta cheese								383				132					515
Yoghurt (liter)	277							12814			13878.00(RSA)	290			1996	3363	32618
Pasteurized Milk (liters)	72		170								11928.00(RSA)	24				468	12662
Fresh Milk (liters)								595							516		1111
UHT Milk (liter)	2770		65					2065			5049(RSA)	3029			4661	1320	18959
Formula Baby milk (kg)	69		86					242			271(RSA)	33			362	204	1267
Milk Powder(kg)											25500(Den)						255000
Meat and meat products and eggs																	
Beef (kg)								404			2559.00(RSA)	435			3283	1047	7728
Pork (kg)								23939.25			251(RSA)						24190.25

Chicken (kg)	26000									47990.00					73990
Processed Chicken (kg)										13800(RSA)	41				13841
Cooked beef (kg)										1(RSA)			56		57
Processed pork (kg)							28			10099.00(RSA)			58	60	10245
Processed meat (kg)											11				11
Tinned Vienna and meatballs (kg)										293(RSA)					293
Canned meat (kg)	42		20					125			11		159	107	464
Eggs										332000.00(RSA)					332000

(RSA=South Africa, ANG=Angola, DEN=Denmark).

Table 13: Summary of import through the various border posts as reported by the Imports office

Animal products	Ariamsvlei	Noordoewer	Trans-Kalahari	Hosea Kutako
Live Animals				
Cattle	226		11	
Sheep	78			
Goats	169			
Horse	1		7	
Day old chicks	20000			
Tropical fish	20000			4422
Pets			11	4
Dairy products				
Yoghurt (liter)	611220	37402	132247	
Butter (kg)	20000	12265	8467	
Cheese (kg)	22608	141652	3146	
Ice Cream	29521	57127		
Fresh Milk(liters)	420331	78469	96088	
Meat and meat products and eggs				
Beef(kg)	135289	100352		
Mutton(kg)		3464		
Poultry Meat(kg)	337739	874729	71700	
Processed meat products	34377	9872		
Pork (kg)	36474	93880		
Eggs(loose)		590640		
Venison (kg)	12270			

5.3 Livestock Marketing

Table 14: Summary of Livestock Sales at Auctions

Species	Kavango	Omusati	Grootfontein	Windhoek	Okavango	Okavango	Okavango	Okavango	Okavango	Okavango	Okavango	Okavango	Okavango	Okavango
	N\$/ kg	N\$/ kg	N\$/ kg	N\$/kg	N\$/ kg	N\$/ kg	N\$/ kg	N\$/ kg	N\$/ kg	N\$/ kg	N\$/ kg	N\$/ kg	N\$/ kg	N\$/ kg
Cattle														
Bulls			14.03	13.13	9.83	14.40	11.00	13.59	13.01	10.94	12.08		12.50	
Stud Bulls														
Oxen			17.62	12.61	10.11	17.34	11.50	16.92	15.51	15.37	15.53		16.50	
Ox-weaner									15.68					
Steers				19.21	12.39			16.17		15.89	16.29		18.20	
Tollies				19.90	17.00	19.34	13.00	17.26	16.99	16.58	20.63		18.40	
Heifers-Steers								13.34						
Heifers				17.50	16.00	18.29	13.00	16.74		15.40	17.95		17.20	
Stud Heifers														
Weaner-heifers			16.78					19.42	15.39					
Cows			14.50	18.07	9.60			13.55	12.42	10.86			15.10	
Stud Cow														
Thin cow					5.68			11.23			10.14		12.10	
Medium cows					9.48	14.37	8.00	13.65			13.37			
Fat cow					15.59		11.00				14.86		16.80	
Cow + Calf			13.48					15.87	12.95	10.50			5500	
Stud Cow+Calf														
Weaners					8.60			15.21	16.44		19.36		18.60	
Tollies/Weaner			18.81											
Cattle (gen)											15.94		15.20	18.85
No. Offered														
No. Sold			4118	3066	2842	7411	1020	664	924	863	5088		4198	222
No of auctions			4	4		4	4	3	2	2	9		11	4
No. failing vet requirements.			40	56					2					10
Sheep														
Sheep castrate								16.75	18.30	12.67	25.00		23.50	
Lambs											22.13		23.10	
Rams								15.48	18.43	12.00	21.84		16.30	
Stud rams				5055							7900		7500	
Ewes								16.53	20.15		25.00		17.50	
Stud Ewes				3850										
Ewe + lamb														
Sheep (gen)			649.30			18.77	12.00				20.87		20.50	19.60
Stud Sheep														
No. offered														
No sold			759	86		174	125	267	204	38	2100		7963	3625
No of auctions				1		4	4	3			2		10	4
No. failing vet requirements.								1						
Goats														
Kids											31.31		24.50	
Billy								13.99	30.80	11.67	32.92		23.40	
Stud Billy				14153										
Nanny								15.23	24.59	14.14	21.83		22.70	
Stud Nanny				6200										
Nanny + Kids														
Castrate goats								14.75	39.06	14.26	29.50		25.20	
Goats (gen)			856.74			21.98	15.00				27.83		23.50	52.72
No. offered														
No sold			582	29		406	432	428	119	158	1459		4851	1264
No of auctions				1		4	4	3			2		8	4
No failing veterinary requirements.			6											3

Animals that were unregistered on NamLITS (No stock brands or ear tags) failed veterinary requirements at auction points at Kamanjab, Outjo and Grootfontein. Still at Grootfontein, one was recumbent. Keetmanshoop SV did not provide reasons.

5.4 Transgressions

A number of trucks were sent back to their places of origin for failing to meet import requirements and a number of products were destroyed.

The table 15 below gives a summary of products that were destroyed under veterinary supervision.

Animal product	Quantity imported
Meat	828 kg
Poultry meat	20 kg
Fish	45 kg
Milk	16 litres

6. VETERINARY PUBLIC HEALTH

The Division of Veterinary Public Health provides meat hygiene oversight at export approved abattoirs. The Division is mandated to inspect and evaluate the export approved establishments, ensure that healthy animals are slaughtered hygienically and meat inspection is carried out in accordance with requirements of importing countries.

Tables 16,17 and 18 below summarises the total number of animals that were slaughtered, the total production in kilograms as well as exported meat to countries mentioned during the month of February 2016.

Table 16: Beef production and export statistics February 2016

Abattoir Name	Total No. Slaughtered	Production (kg) (Carcass weights)	Exports to RSA (Kg)	Exports to other African Countries (kg)	EU (kg)	EFTA (kg) {Norway and Switzerland}
Meatco Windhoek	4115	976382.00	0	0	0	0
Meatco Okahandja	673	149549.00	163439.10	0	263289.40	44740.70
Witvlei	0	0	0	0	0	0
Meatco Katima Mulilo	0	0	0	0	0	0
Meatco Oshakati	0	0	0	0	0	0
Gobabis	0	0	0	0	0	0
Brukarros MP NA 20	23	3817.00	0	0	0	0
Aranos	13	4204.00	0	0	0	0
Total	4824	1133952.00	163439.10	0	263289.40	44740.70

Table 17: Ovine production and export statistics February 2016

Abattoir Name	Total No Slaughtered	Production (kg) (Carcass weights)	Exports to RSA (Kg)	Exports to other African Countries (kg)	EU (kg)	EFTA (kg) {Norway and Switzerland}
Mariental Abattoir	11043	149390	110174.10	0	0	0
Brukarros MP	7953	124417	92370.50	0	0	0
Aranos Abattoir	4899	85413	30300.00	0	0	0
Total	23895	359220	232844.60	0	0	0

Table 18: Game production and export statistics February 2016

Abattoir Name	Total No Slaughtered	Production (kg)	Exports to RSA (Kg)	Exports to other African Countries (kg)	EU (kg)	EFTA (kg) {Norway and Switzerland}
Brukarros Meat Processor NA 20	0	0	0	0	0	0
Total	0	0	0	0	0	0

The table 19 below summarises processed products (canned meat, cooked and uncooked products), skins, by-products (meat and bone meal, tallow and blood meal) that were produced and exported to the mentioned countries in December 2015.

Table 19: Processed meat, animal products, and export statistics February 2016

Abattoir Name	Product Type	Total Processed Products (kg)	Total products (kg) & quantity	Exports to RSA (Kg)	Exports to other African Countries (kg)
Meatco Windhoek	Skins (Bovine)	0	4115.00	0	0
	Skins (Ovine)	0	0	0	0
	Skins(Game)	0	0	0	0
	Meat and Bone Meal	0	85250.00	0	0
	Tallow	0	67000.00	0	0
	Blood meal	0	57750.00	0	0
	Offal (Bovine)	0	14960.67	0	0
	Offal (Ovine)	0	0	0	0
Cannery	Canned Meat	166431.00	1114579.00	61575.00	109529.00
Mariental Abattoir	Ovine (skins)	0	11043.00	0	0
	Offal (Ovine)	0	67695.20	0	0
Brukkaros MP	Offal (Ovine)	0	74677.68	0	0
	Skins (Ovine) No.	0	7953.00	2400.00	0
	Offal (Game)	0	0	0	0
	Skins (Game) No.	0	0	0	0
	Offal (bovine)	0	1452.60	0	0
	Skins (bovine)	0	23.00	0	0
Aranos Abattoir	Skins (Ovine) No.	0	4899.00	0	0
	Offal (Ovine)	0	29352.00	0	0
	Offal (Bovine)	0	455.00	0	0
	Skins (bovine)	0	13.00	0	0
Hartlief	Cooked Products	118142.30	0	5436.10	0
	Uncooked Products	215522.60	0	6931.77	0
	Frozen beef cuts	0	0	0	0
	Frozen lamb	0	0	0	0
	Frozen beef offal	0	0	0	0
	Processed non halal products	0	0	0	0
Meatco Okahandja	Offal (bovine)	0	26522.00	30140.28	0
	Skins (bovine) No.	0	673.00	0	0
	Meat and Bone Meal	0	18554.00	54000.00	33000.00
	Tallow	0	16825.00	0	30680.00
	Blood meal	0	2019.00	12000.00	0
Oshakati Abattoir	Offal (Bovine)	0	0	0	0
	Skins (Bovine) No.	0	0	0	0
Witvlei Abattoir	Offal (Bovine)	0	0	0	0
	Skins (Bovine) No.	0	0	0	0

	Meat and Bone Meal	0	0	0	0
Meatco Katima	Offal (bovine)	0	0	0	0
	Skins(bovine) No.	0	0	0	0
	Meat and Bone Meal	0	0	0	0
Gobabis	Offal (Bovine)	0	0	0	0
	Skins (Bovine)	0	0	0	0
Total		500095.90	1605811.00	172483.20	173209.00

Tables 19 and 20 summarises the total number of condemned carcasses per disease per abattoir. Table 21 and 22 summarises the total number of offal that were condemned.

Table 20: Carcass Condemnation in Small Stock at Abattoirs in February 2016

Reason for condemnation	Aranos	Brukkaros	Mariental	Total	As % of No. Slaughtered
Bruising	2	0	7	9	0.04
Contamination	4	0	2	6	0.03
Emaciation	0	0	3	3	0.01
Metritis	0	0	2	2	0.01
Sarcocysts	0	0	13	13	0.05
Edema	1	0	0	1	0.00
Pleuritis/Pneumonia	0	0	6	6	0.03
Peritonitis	0	0	1	1	0.00
Icterus	0	0	4	4	0.02
Other	1	0	1	2	0.01

Table 21: Reasons for Carcass Condemnation in Cattle at Abattoirs in February 2016

Reason for condemnation	Brukkaros	Okahandja	Windhoek	Total	As % of No Slaughtered
Contamination	0	1	8	9	0.19
Pleuritis/Pneumonia	0	0	3	3	0.06
Measles detained	0	2	0	2	0.04

Table22: Offal Condemnations in Cattle February 2016

Reason for condemnation	Okahandja	Brukkaros	Windhoek	Total	As % of No Slaughtered
Liver Hydatidosis	2	0	0	4	0.08
Lung Hydatidosis	22	0	0	44	0.91
Liver Contamination	8	0	14	44	0.91
Lung Contamination	28	0	44	148	3.07
Pluck Contamination	0	0	63	126	2.61
Contamination other organs	6	0	0	12	0.25
Liver Stilesia	6	0	9	3084	63.93
Liver Fascioliasis	0	2	0	4	0.08
Nodular worms	0	0	0	731	15.15
Liver Abscess	27	0	121	656	13.60
Lung Abscess	4	0	27	64	1.33
Pluck Abscess	0	0	0	35	0.73
Liver condemned for other reasons	24	0	0	48	1.00
Lung condemned for other reasons	56	0	0	112	2.32
Other organs condemned for other reasons	11	0	0	22	0.46

Table 23: Offal Condemned in Small Stock February 2016

Reason for condemnation	Aranos	Mariental	Total	As % of No Slaughtered
Liver Hydatidosis	75	0	75	0.31
Liver Contamination	10	0	10	0.04
Lung Contamination	0	4	4	0.02
Liver Stilesia	396	3054	3450	14.44
Nodular worms	0	731	731	3.06
Liver Abscess	123	360	483	2.02
Lung Abscess	7	2	9	0.04
Pluck Abscess	0	35	35	0.15
Abscess in other organs	0	12	12	0.05
Lung condemned for other reasons	217	0	217	0.91

7. CAPITAL PROJECTS

Construction of offices, accommodation and animal handling facilities at Dobe, Wenela, Katwitwi, Kasamane, Omahenene, Swaartboisdriest and Oronditi are under way.

Construction of capital projects are summarized in the following table 23.

Table 24: Capital Projects

Districts	Project	Progress	Remarks/comments
Zambezi	Development of Animal and Plant Health Inspection Centres, offices and staff houses at Entry points- Wenela border post	Progress at 28.62% instead of 53% Progress at office (office is at roof level) and staff house (also at roof level) sites though the contractor is still lagging behind schedule Construction of Animal handling facility yet to start	Contractor lagging behind schedule- was reminded of the lag and requested to increase speed of construction in order to cover up for the lost time
	Construction of VRECs in the region (Sangwali VREC)	Progress at 9 %, clinic, guardroom, gen set room and house 1 are now at foundation brickwork level.	Sangwali- progress going on well
Kavango	Construction of staff houses at Ncaute and Ndiyona	Construction of accommodation at Ncaute and Ndiyona is behind schedule.	No progress at Ncaute and Ndiyona. The official houses for staff members at the two sites, which were expected to be completed in 2015, are still outstanding. Technical meetings will be held at the two sites in March 2016.
	Construction of Rundu abattoir	Construction of new abattoir in Rundu is now progressing well after it	

		started slowly.	
	Construction of offices and accommodation at Katwitwi	Construction of offices and accommodation at Katwitwi is progressing well.	
Grootfontein	Construction of new houses and offices at Rooidag Gate.		Allocation of Land from the Traditional Authority letter is in place
Otavi	construction of new veterinary clinic at Tsitsabis	The construction of new veterinary clinic at Tsitsabis got approval.	
Oshana	Construction of Ondangwa Laboratory and Veterinary Clinic	No progress on the ground	Official site handover was done on the 01 st February 2016. The contractor is busy with earth moving phase.
Omusati	VRECs of Okalongo and Oshifo	Completion due	Slow work progress due to lack of material on site for build in items in offices and houses. MAWF Department of General Services to advice on PABX procurement and installation as well as wiring of telephone cables.
	Construction of Okahao State Veterinary Office	The building of wall is at the beam level	The architectural plan is still to be approved by Town Council planner as per CEO remarks in the meeting
Kamanjab	Construction of Kamanjab Veterinary clinic	Feasibility studies in progress.	
	The renovations of Kamanjab Veterinary office were approved.		
	construction of a drive through wheel bathing facility at Werda	Construction of drive through wheel bathing facility commenced on the 11 th of February 2016 at Werda cordon gate. Completion is expected on the 14 th of March 2016.	
	The site hand over meeting for the construction of offices and a shade canopy at Werda was done on the 11 th of February 2016 and construction is expected to start soon.		
Otjiwarongo	Construction of Otjiwarongo Veterinary clinic	An Erven was obtained from Otjiwarongo Municipality. Feasibility studies are being undertaken.	
Gobabis	Construction of Leonardville staff accommodation	Feasibility studies in progress	
Windhoek-NamLITS	Construction of Chief Veterinarian Office for Central Region and	Tender awarded for Chief Veterinarian Office and	

	Traceability Office.	Traceability Office.	
Windhoek-CVL	Extension Central Veterinary Laboratory	Biosafety Level 3 Laboratory has been completed only equipment is outstanding. Awarding of tender for phase 2 completed.	
Keetmanshoop	Construction of Tses houses/clinic	Construction started	Two months behind schedule
	Construction of Bethanie houses/clinic	Site inspection was done	
	Construction of Karasburg houses/clinic	Erven secured	

8. FENCES

Kamanjab

- Repair and maintenance of the VCF, condor quarantine fence and the surveillance fence is ongoing. The fence between Werda and Palmwag gate a distance of 118km looks intact. Attention is needed on the part, which is 28 km from Palmwag gate eastwards going towards the Weresland. In that area, more than 36 fence breakages were noted and the plan is to have the fence repaired. Currently the shortage of steel wires is hindering progress.
- Wild animals especially elephants continue to pose a big challenge especially between Palmfontein and Makalani area and Kamdescha – Werda area. Kamanjab office proposed electrification of the VCF similarly to what has been done from Namapan to Quara VCF.

Okakarara

- Grootfontein, Outjo and Okahandja assisted Okakarara office with fencing material to work on the internal fence. Twelve casual labourers have been recruited and have started working on the internal fence. Outjo SV office has assisted with the transportation of 2,4 m poles from Otjiwarongo to Okakarara.

Gobabis

- The 125 km International Fence from Paradise to Wilskrug was in a very good condition as well as the 32km fence from Thin Tau to Xongana and it was fixed by the fencing team from the minor breaks from the elephants. Border patrol for fence inspection was done during the month.
- The fence from Buitepos to Farm Colorado is in good condition, but from farm Lusa, the fence had serious breaks that the fencing team managed to fix. Breaks from Ehungiro Gate, Gam Gate to Thin Tau Gate and Paradise in Rietfontein area were repaired.
- The internal fence at Gobabis SV district from Paradise, De Hoek to Jullendan was repaired.

Grootfontein

- The Grootfontein SV office repaired more than 100 breaks on the Namibia/Botswana border fence, 129 breaks on the VCF around Driehoek and 20 degree and some few breaks on the Bravo to Mururani VCF. Internal fences are being rehabilitated. A load of droppers was delivered on site.

- Mangetti team is rehabilitating the internal fences. The Quarantine is not yet in the good state. There are also some broken fences in camps due to elephant activity.

9. QUARANTINE

Opuwo SV

- Omutambo Womawe

The grazing in all camps is very good at Omutambo Womawe. The perimeter fence is good but the internal fence needs repair. The cattle kraals are in good condition but for small stock needs major repair. Houses need renovation. Water taps are leaking, some toilets are not flushing and water geysers are out of order. The Quarantine camp needs a communication system and a new generator.

- Khowarib

The fence was maliciously damaged by the rivers that flow passing through Quarantine camp. The fence on the southwestern part of Khowarib quarantine camp needs major repair.

Kamanjab SV

- Condor quarantine camp

Grazing was less than 25 % in both camps, the quarantine did not receive moderate rains during the course of the month and the grazing has not improved. However, the browse condition is very good in all camps. Elephants damaged a portion of the fence and repair was done. Upgrading of the perimeter fence was done and almost 60% of the perimeter fence was upgraded. Lack of fencing material particularly the steel wire has slowed down progress. The idea is to upgrade right round the quarantine and this will inevitably alleviate the grazing pressure from animals that are gaining access in the camp from the surrounding communities. The engine and reservoir were in good working condition however, the water troughs and floating valves needed to be replaced. Kamanjab office is in a process of acquiring new water troughs once the money becomes available. There is need for construction of an office, staff houses and installation of solar power and a means of transport in form of a motor bike. The loading ramp needs renovations since it is too wide making it difficult to load cattle. The feasibility studies for new office and staff house were completed for the quarantine camp. There is need of power supply at the camp in form of solar power, currently there is no electricity at the camp. There is need to install a landline since mobile network signal is not strong.

Otavi SV

Oshivelo quarantine camp

The small stock camps need to be maintained with diamond mesh wire. Water tank at the houses is leaking and the water taps at farm 2 needs replacement. The houses need renovation while cement bags and chalk are needed for the sealing of the troughs at farm 4, the fencing team continued with repairing camps in the quarantine.

10. TRAINING

- ✓ The NamLITS NCA office trained a total of thirty nine (39) staff members (15 AHT, 15 AO, 4 CAHT, 4 VHIA and 1 SVHI) at Makalani Hotel in Tsumeb from 15 to 19 February and from 22 to -26 February.
- ✓ Dr Voigts from Okahandja was involved in Veterinary Council examination for unconditional registration of Veterinarians. It appeared that many Intern Veterinarians did not make use of their

opportunity to gain lots of practical experience. In future, more control should be done e.g., by interns having to get signatures in a logbook making sure they do their practical according to their program.

- ✓ Angela Lilungwe and Maria Christian from Epidemiology Section in Windhoek trained Animal Health Technicians at Okakarara on filling in and capture the Animal Health Inspection Form on 29 February 2016.
- ✓ Okakarara SV facilitated training of farmers in meeting hosted RISE Namibia in Okamatapati and Okondjatu.
- ✓ Administrative Officers from various SV Offices attended a Workshop on Stock Control in Tsumeb.

11. PERSONNEL

- ✓ Dr Beukes resigned as a State Veterinarian for Epukiro and Dr Elago was appointed.
- ✓ Dr. John Khuwised was appointed as the new State Veterinarian of the SVO Karasburg.
- ✓ Dr. B. Shikongo joined Katima Mulilo Veterinary Office as a State Veterinarian (ADC) on 8 February 2016.

12. MEETINGS

- ✓ Dr S Luvala and Dr C Kaseke attended Namibia-Angola bilateral meeting of Veterinary Authorities at Ongwediva in Oshana region on 1 to 2 February 2016.
- ✓ State Veterinarians from Various SV offices attended Animal Health Act, 2011 (Act No 1 of 2011) regulations review workshop in Otjiwarongo from 15 to 18 February 2016.
- ✓ Dr Moyo from Okakarara attended a meeting on the establishment of steering committee of Omake operation on 11 February 2016.
- ✓ Gobabis SV held an annual planning meeting from 15 to 19 February 2016 at Zelda Lodge. Dr. Elago (SV), Mr. G. Luhumba (CAHT), all Animal Health Technicians and an Assistant Technician attended.
- ✓ The Mariental SV Personnel meeting was held on 29 February 2016 and various points on the agenda were discussed.
- ✓ The Chief AHT for Mariental SV attended a farmers meeting on 27 February 2016 at Rehoboth Town.
- ✓ The State Veterinarian Dr Tolmay from Mariental attended a farmers meeting at Kalkrand on 24 February 2016.
- ✓ The Karasburg Office had an office meeting on 11 February 2016.
- ✓ Dr. Grobler SV from Keetmanshoop attended the Tses Site Meeting on 23 February 2016.

- ✓ Dr. Louwrens SV from Keetmanshoop attended a Cross Border Meeting in Kimberley South Africa, from 24 to 25 February 2016.
- ✓ Mr. Wilbard Ashikutuwa a casual labourer in the current FMD booster vaccination campaign was traumatised in the left eye by a sharp wire on a Crushpen pole while handling cattle on the 26 February and he is receiving treatment from his Doctor.
- ✓ Dr Hango LK from Outapi SV attended an Angola/Namibia bilateral meeting on Veterinary Authorities at Ongwediva from 1 to 3 February.
- ✓ State Veterinarian and Chief Animal Health Technicians from Various SV offices attended Rabies piloting project meeting at Ondangwa during the month under review.
- ✓ Drs Hango KL and Peter J from Outapi SV conducted an Information Day to 43 community leaders at Epalela on 10 February 2016 on animals gathering and officially opened livestock markets after closer due to FMD outbreak in 2015.
- ✓ Drs Hango and KK Shoombe the Acting Deputy Chief Veterinary Officer Animal Disease Control/North conducted an information-sharing meeting with 82 Omusati farmers and livestock cooperatives on 11 February 2016.
- ✓ Mr E Lumeta Chief Animal Health Technician for Oshikoto attended a workshop on casual labourers' contract documentation in Grootfontein from 10 to 12 February 2016.
- ✓ Oshikoto DVS held its management meeting on 29 February 2016
- ✓ Meatboard – Stockbrand Department Officer made a site visit to Oshikoto SV to discuss issues to do with stockbrand certificates with DVS.
- ✓ Eenhana DVS held a monthly meeting on the 17 February 2016 in Eenhana conference room
- ✓ SV and AHT from Okongo sub office attendend annual career fair at Ongha Senior Secondary School from 24 to 26 February 2016.

13. ADMINISTRATION (Vehicles, registers, stock, returns to head office)

The import control section continues to generate revenue for the state through the issuance of veterinary import permits. Currently an import permit costs the importer **N\$ 50.00**. During the month of February 2016, a total of **1 825** import permits were processed and approved. This translated into an income generation of **N\$91 250.00** for the state.

Monthly reports must be submitted by e-mail to NambahuH@mawf.gov.na

Directorate of Veterinary Services
Private Bag 12022
Windhoek
Namibia

For Enquiries:
Tel (061) 2087504
Fax (061) 2087779/7533
E-mail:

NambahuH@mawf.gov.na

Compiled by Mrs. Angela Lilungwe
Edited by Dr. Frank Chitate