

Month report on livestock disease trends as informally reported by veterinarians in South Africa June 2012

Introduction

Main problems reported during this month were:
Poor conception rates due to the dry summer season
Trichomonosis
Abortions
Ophthalmia
Pasteurellosis
Urea poisoning
Black quarter
Redwater outbreaks still occurring
Anaplasmosis
Brucellosis

Level of Reporting

The following colleagues submitted reports for June 2012:

Mpumalanga

Dr. Neil Fourie and Johan Barkhuizen - Middelburg
Drs. Dieter Weber and Wolfgang Niebuhr – Piet Retief
Dr. Kobie Kroon - Standerton
Dr. Andre Visser – Volksrust
Dr. Ben Potgieter - Ermelo

Free State

Drs. Hasselt and Blaauw – Ladybrand
Drs. Scheepers, Thirion and Nel – Harrismith
Dr. Dries Lessing - Frankfort

KwaZulu-Natal

Drs. Collins, King and Delaney – Underberg
Dr. Tony Grace – Dundee

Eastern Cape

D. Roland Larson – Graaff-Reinet
Dr. Francois van Niekerk and J Van Vuuren – Humansdorp
Dr. Casper Troskie – Aliwal North
Dr. David Waterman - Stutterheim

Western Cape

Dr. Muller Strydom – George

Northern Cape

Dr. Jan Vorster – Kathu

Drs. Lizanne de Beer and Dirk vd Merwe - Calvinia

Sheep consultant – dr. Dave Midgley

Feedlot report

Dr. Eben du Preez

General disease trends and discussion as informally reported by veterinarians during June 2012

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Internal parasites

Roundworms

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	2				1		2	1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1				1		2	2	2
Species affected	B				B,O		B,O,C	O	O

Mpumalanga

Middelburg: dr. Neil Fourie and Johan Barkhuizen

Roundworms (1)

Piet Retief: drs. Dieter Weber and Wolfgang Niebuhr

Roundworms (B 1)

Free State**Frankfort: dr. Dries Lessing**

Roundworms (O 1)

Eastern Cape**Graaff-Reinet: dr. Roland Larson**

Wireworm: in spite of the cold, wireworm infestations are still rife. (O, C 2)

Humansdorp: drs. Van Niekerk and J van Vuuren

Roundworms (B, O 2)

Western Cape**George – dr. Muller Strydom**

Internal parasites a problem due to rains (O 2)

Resistant roundworms

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1							1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2							2	
Species affected	O							O	

Mpumalanga**Standerton: dr. Kobie Kroon**

Resistant roundworms (O 2)

Western Cape**George – dr. Muller Strydom**

Resistance (O 2)

Tape worms

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1								
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2								
Species affected	B,O								

Mpumalanga**Standerton: dr. Kobie Kroon**

Tapeworm (O, B 2)

Liver fluke

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1				1			1	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2				3			3	
Species affected	B				B			B	

Mpumalanga

Standerton: dr. Kobie Kroon

Liver fluke (B 2)

Free State

Frankfort: dr. Dries Lessing

Liver Fluke (B 3)

Western Cape

George – dr. Muller Strydom

Liver fluke (B 3)

Conical fluke (Paramphistomosis)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	2				3				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2.5				2				
Species affected	B				O				

Mpumalanga

Standerton: dr. Kobie Kroon

Conical fluke (B 2)

Ermelo: dr. Ben Potgieter

Conical fluke (B 3)

FreeState

Frankfort: dr. Dries Lessing

Paramphistomosis (B 3)

Ladybrand: drs. Van Hasselt and Blaauw

Conical fluke (B 1)

Harrismith: drs. Scheepers, Thirion en Nel

Conical fluke (B, C 2) Numerous complaints from Qua Qua of animals with putrid diarrhoeas and weight loss. Animals were grazing adjacent to rivers.

Parafilaria

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

External parasites

Blue Ticks

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	3					1		1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3					3		3	
Species affected	B					B		B	

Mpumalanga

Volkstrust: dr. André Visser

Abundance of blue ticks (B 3)

Piet Retief: drs. Dieter Weber and Wolfgang Niebuhr

Blue ticks (B 2)

Standerton: dr. Kobie Kroon

Blue ticks (B 2)

KwaZulu-Natal

Dundee: dr. Tony Grace

Blue ticks (B 3)

Western Cape

George – dr. Muller Strydom

Blue ticks (B 3)

Resistant ticks

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Bont-legged ticks

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Brown ear ticks

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	3								
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2								
Species affected	B								

Mpumalanga

Volkstrust: dr. André Visser

Brown ear ticks (B 2)

Standerton: dr. Kobie Kroon

Brown ear ticks (B 2)

Ermelo: dr. Ben Potgieter

Brown ear ticks (B 2)

Karoo Paralysis Ticks

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease							1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance							3		
Species affected							B,O		

Eastern Cape

Aliwal North: dr. Casper Troskie

Karoo paralysis outbreaks (B,O 3)

Biting Lice

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1				1		2		1
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2				2		2		2
Species affected	O				B,O		O,C		B

Mpumalanga

Standerton: dr. Kobie Kroon

Biting lice (O 2)

FreeState

Frankfort: dr. Dries Lessing

Biting lice (B,O 2)

Eastern Cape

Aliwal North: dr. Casper Troskie

Lice problems were encountered (O 2)

Graaff-Reinet: dr. Roland Larson

Biting lice (C 2)

Northern Cape

Kathu: dr. Jan Vorster

Biting lice: (B 2)

Sucking Lice

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1				1		1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2				2		2		
Species affected	O				B		B		

Mpumalanga

Standerton: dr. Kobie Kroon

Sucking lice (O 2)

FreeState

Frankfort: dr. Dries Lessing

Sucking lice (B 2)

Eastern Cape

Aliwal North: dr. Casper Troskie

Sucking lice (B 2)

Screw worm

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Mites

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									1
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									3
Species affected									0

Northern Cape

Calvinia: dr. Lizanne de Beer and Dirk vd Merwe

Sheep scab outbreaks in this area and an eradication campaign was held (O 3)

Nuisance and biting flies,

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease								1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance								3	
Species affected								B	

Western Cape

George: dr. Muller Strydom

Nuisance flies (B 3)

Blow flies

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Midges

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
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No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Tick-borne diseases

African Red water

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	3				1	1	1	1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2				2	2	3	2	
Species affected	B				B	B	B	B	

Mpumalanga

Ermelo: dr. Ben Potgieter

A few cases of African Redwater (B 2)

Volkstrust: dr. André Visser

Many cases of African red water

Standerton: dr. Kobie Kroon

African redwater (B 2)

Free State

Harrismith: drs. Scheepers, Thirion en Nel

African red water (B 2) Redwater in cattle. Ticks were probably infected by carrier animals brought in.

KwaZulu-Natal

Underberg: drs. Collins, King en Delaney

This disease usually present in the hotter summer months but now also present in winter (B 2)

Eastern Cape

Stutterheim: dr. David Waterman

80 oxen were moved to a rested camp and 14 days later 8 animals died. Asiatic red water was confirmed as the reason for deaths.

Four deaths occurred in two herds. These animals had been on the farm for a long time. The farmer stepped up tick control to the detriment of enzootic stability.

Western Cape

George – dr. Muller Strydom

African red water diagnosed in cattle (B 2)

Asiatic Red Water

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	4				1	2	2	1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2				2	2	2	2	

Species affected	B				B	B	B	B	
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Mpumalanga

Middelburg: drs. Neil Fourie en Johan Barkhuizen

Asiatic red water: Acute deaths still occurring in early winter in susceptible animals (B 1)

Ermelo: dr. Ben Potgieter

A few cases of Asiatic red water (B 3)

Volkstrust: dr. André Visser

Many cases of Asiatic red were diagnosed (B 3)

Piet Retief: drs. Dieter Weber and Wolfgang Niebuhr

Asiatic red water (B 1)

Free State

Ladybrand: drs. Van Hasselt and Blaauw

Asiatic red water (B 2) Asiatic red water present on a farm that had a previous outbreak of Asiatic red water in summer.

KwaZulu-Natal

Dundee: dr. Tony Grace

Asiatic red water: On two separate farms an animal each died due to Asiatic red water. The heifers were blocked and no other animals died. There was no history of camps being changed. One herd consisted of bulls that had been in the same camp for 2 months. They were being fed for an auction and had a good challenge of blue ticks on them.

The second herd had a few cases of red water last year and the farmer decided to vaccinate all his cows (pregnant and non-pregnant) 6 months ago with the Asiatic red water blood vaccine. A few of the cows aborted and he also decided to scale down his dipping schedule. However against advice he started injecting his animals with a long acting macrocyclic lactone which decreased the tick numbers and therefore also the enzootic stability against Asiatic red water (B 2)

Underberg: drs. Collins, King en Delaney

This disease usually occurring in the hotter summer months now also present in winter (B 2)

Eastern Cape

Stutterheim: dr. David Waterman

Asiatic red water (B 3)

Humansdorp: drs. Van Niekerk and J van Vuuren

Asiatic red water (B 1)

Western Cape

George – dr. Muller Strydom

Asiatic red water (B 2)

Anaplasmosis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	2				1	1	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3				1	2	2		
Species affected	B				B	B	B		

Mpumalanga

Standerton: dr. Kobie Kroon

Anaplasmosis: There are farms where farmers lost more than 10 animals per farm. Carrier animals play a big role in the spread of this disease (B 3)

Volksrust: dr. André Visser

Anaplasmosis (B 3)

Free State

Ladybrand: drs. Van Hasselt and Blaauw

Anaplasmosis (B 1)

KwaZulu-Natal

Underberg: drs. Collins, King en Delaney

This disease usually present in the hotter summer months now also present in the winter (B 2)

Eastern Cape

Aliwal North: dr. Casper Troskie

Anaplasmosis cases occurred (B 2)

Heart water

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1					1	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2					1	2		
Species affected	B					O	B,O		

Mpumalanga

Middelburg: drs. Neil Fourie en Johan Barkhuizen

Heartwater: Three cases of heartwater were confirmed in the middle of June. These cases occurred in the transition areas of the district. The endemic/epidemic area is the most difficult area in controlling heartwater. All cases occurred after heavy frost (B 2)

KwaZulu-Natal

Dundee: dr. Tony Grace

A single young ewe died acutely of heartwater on the edge of the heartwater area. The whole flock was injected with a long acting tetracycline at a 2 week interval, 2 to 3 times. This method stopped further deaths occurring (O 1)

Eastern Cape

Humansdorp: drs. Van Niekerk and J van Vuuren

Heart water (B,O 2)

Sweating sickness

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									

Species affected									
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Other tick-borne diseases
Corridor disease

Insect transmittable diseases

Lumpy skin disease

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease						2			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance						2			
Species affected						B			

KwaZulu-Natal

Dundee: dr. Tony Grace

Lumpy skin disease (B 1)

Underberg: drs. Collins, King en Delaney

Lumpy skin disease outbreak in a group of heifers grazing in a low lying area next to a dam. (B 3)

Bovine ephemeral fever (Three day stiff sickness)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									1
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									1
Species affected									B

Northern Cape

Kathu: dr. Jan Vorster

Three day Stiff Sickness (B 1)

Blue tongue

Province	Mpuma-langa	Gauteng	Limpopo	North West	FreeState	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Venereal diseases

Trichomoniasis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	4				3				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2,5				2				
Species affected	B				B				

Mpumalanga

Piet Retief: drs. D. Weber en W. Niebuhr

Trichomonosis: This venereal disease causes huge financial losses to beef cattle farmers. A huge concern is that most farmers will try and control this disease without veterinary supervision. On some farms bulls were tested by non-veterinarians and certified as negative for trichomonosis and sold. Some of these bulls were tested by us and were found to be positive for *Tritrichomonas*. On one of the farms where non-veterinarians were involved we were called in after a year to solve the problem. After testing the bulls on the farm, we found a number of bulls positive. If losses due to a lowered calving percentage were calculated, the farmer lost R300 000. If the value of the positive bulls which amounted to R280 000 was added, the farmer lost R580 000 in his 600 cow herd. It took this calculation to convince the farmer not to make use of unprofessional and lay people to solve his problems. In trying to save a few cents, thousands of Rands were lost (B 3)

Ermelo: dr. Ben Potgieter

Trichomonosis was diagnosed in several herds (B 2)

Volkstrust: dr. André Visser

Trichomonosis a huge problem (B 2)

Standerton: dr. Kobie Kroon

Trichomonosis: It doesn't seem that we are going to win the battle against this disease. Not all farmers are testing bulls for this disease and therefore clean herds are infeced by bulls from neighbouring farms (B 3)

Free State

Frankfort: dr. Dries Lessing

Trichomonosis (B 3) Bulls should be tested.

Harrismith: drs. Scheepers, Thirion en Nel

Trichomonosis (B 2) Another two herds tested positive.

Vibriose

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease					1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					2				
Species affected					B				

Free State

Ladybrand: drs. Van Hasselt and Blaauw

Vibriosis (B 2)

Peestersiekte

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Bacterial diseases

Anthrax

Province	Mpuma-langa	Gauteng	Limpopo	North West	FreeState	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									1
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									1
Species affected									Game

Northern Cape

Kathu: dr. Jan Vorster

Kudu died of anthrax. Samples taken. State Vet at Kuruman confirmed the diagnosis. Farmers are vaccinating their animals.

Black leg

Province	Mpuma-langa	Gauteng	Limpopo	North West	FreeState	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	2				2	1	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3				2.5	1	3		
Species affected	B				B	B	B		

Mpumalanga

Standerton: dr. Kobie Kroon

Black leg (B 3)

Ermelo: dr. Ben Potgieter

Black leg (B 3)

Free State

Frankfort: dr. Dries Lessing

Black quarter (B 3) Vaccinate calves at 3 and again at 4 months.

Ladybrand: drs. N. Van Hasselt, J. Blaauw

Black quarter (B 2) Three calves died as the farmer did not vaccinate his calves against the disease.

KwaZulu-Natal

Dundee: dr. Tony Grace

Quarter evil (B 1)

Eastern Cape

Aliwal North: dr. Casper Troskie

Black quarter occurred in cattle (B 3)

Swelled head

Province	Mpuma-langa	Gauteng	Limpopo	North West	Freestate	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1								
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1								
Species affected	B								

Mpumalanga

Volksrust: dr. André Visser
 “Dikkopspoussiekte” in cattle.

Pulpy Kidney

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1				1			1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2				1			1	
Species affected	O				O			O	

Mpumalanga

Standerton: dr. Kobie Kroon
 Pulpy kidney (O 2)

Free State

Volksrust: dr. André Visser
 Pulpy kidney (O 1)

Western Cape

Mossel bay: dr. Dave Midgley
 25 lambs died of a clostridial infection. Lambs were vaccinated once against clostridial infections but a booster dose wasn't given.

Lamb dysentery (*Clostridium perfringens* type B)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Red gut (B)/Blood gut(O)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Freestate	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1				2	1			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2				2	1			
Species affected	O				O	B			

Mpumalanga

Standerton: dr. Kobie Kroon

Blood gut (O 2)

Free State

Frankfort: dr. Dries Lessing

Blood gut (O 2)

Harrismith: drs. Scheepers, Thirion en Nel

Blood gut (O 2) Sheep being fed were not vaccinated with a vaccine containing *Clostridium perfringens* A

KwaZulu-Natal

Underberg: drs. Collins, King and Delaney

Red gut (B 1)

Tetanus

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Botulism

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Brucellosis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1				1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3				3				
Species affected	B				B				

Mpumalanga

Middelburg: drs. Neil Fourie en Johan Barkhuizen

Abortions due to brucellosis still a huge problem .

Free State

Frankfort: dr. Dries Lessing

Brucellosis (B 3)

E. coli

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease						1	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									

Level of importance						2	2		
Species affected						B,O	B		

KwaZulu-Natal

Underberg: drs. Collins, King en Delaney

E. coli (B, O 2)

Eastern Cape

Humansdorp: drs. Van Niekerk and J van Vuuren

E.coli (B 2)

Salmonellosis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Lumpy wool (*Dermatophilus*)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Viral diseases

BMC (Snotsiekte)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease							1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance							1		
Species affected							B		

Eastern Cape

Aliwal North: dr. Casper Troskie

BMC cases were diagnosed (B 2)

BVD

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

IBR

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape

No vets reporting this disease					1	2	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					1	1,5	3		
Species affected					B	B	B		

Free State

Ladybrand: drs. Van Hasselt and Blaauw

IBR (B 1) A 12 month old calf showed severe signs of IBR.

KwaZulu-Natal

Dundee: dr. Tony Grace

IBR (B 2)

Underberg: drs. Collins, King en Delaney

IBR (B 1)

Eastern Cape

Stutterheim: dr. David Waterman

Cattle with typical upper respiratory tract infections died if not treated in time. The farmer lost 17 animals out of 87. There were no abortions and calves were not affected. IBR and bovine malignant catarrh virus were not isolated. When animals had been vaccinated with a vaccine containing inactivated antigens of BVD, IBR, PI 3 and *Mannheimia haemolytica* deaths subsided. (B 3)

Warts & Orf

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease					1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					3				
Species affected					B				

Free State

Frankfort: dr. Dries Lessing

Warts (B 3)

Rabies

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease					1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					2				
Species affected					B				

FreeState

Ladybrand: drs. Van Hasselt and Blaauw

Rabies (B 2): Rabies outbreak on farm and three cattle died. Brain sent to Onderstepoort and confirmed to be positive. Two dogs positive for rabies in Ladybrand.

Other viral infections

Mpumalanga

Piet Retief: drs. Dieter Weber and Wolfgang Niebuhr
Rota virus (B 2)

KwaZulu-Natal

Underberg: drs. Collins, King en Delaney
Enzootic Bovine Leucosis (EBL) (B 1)

Fungal Diseases

Ringworm

Province	Mpuma-langa	Gauteng	Limpopo	North West	Freestate	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1							1	1
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2							3	2
Species affected	B							B	C

Mpumalanga

Standerton: dr. Kobie Kroon
Ringworm (B 2)

Western Cape

George: dr. Muller Strydom
Ringworm (B 3)

Northern Cape

Kathu: dr. Jan Vorster
Ringworm (C 2)

Diseases cause by protozoa

Coccidiosis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	2				1	1	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1,5				2	2	1		
Species affected	O,C				O	O	B		

Mpumalanga

Middelburg: drs. Neil Fourie en Johan Barkhuizen
Coccidia need moisture to survive and for infection to take place. A leaking waterpipe led to muddy conditions and led to an outbreak of coccidiosis in goats. (C 1)
Standerton: dr. Kobie Kroon
Coccidiosis (O 2)

FreeState

Frankfort: dr. Dries Lessing
Coccidiosis (O 2)

KwaZulu-Natal

Underberg: drs. Collins, King en Delaney

Coccidiosis (O 2)

Eastern Cape

Humansdorp: drs. Van Niekerk and J van Vuuren

Coccidiosis (B 1)

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Poisoning

Urea poisoning

Province	Mpuma-langa	Gauteng	Limpopo	North West	Freestate	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1					1			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3					2			
Species affected	O					B			

Mpumalanga

Middelburg: dr. Neil Fourie and Johan Barkhuizen

Urea (O 3)

KwaZulu-Natal

Dundee: dr. Tony Grace

Urea (B 2)

Tulip poisoning

Province	Mpuma-langa	Gauteng	Limpopo	North West	Freestate	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	2								
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2								
Species affected	B								

Mpumalanga

Volkstrust: dr. André Visser

Tulip poisoning (B 2)

Ermelo: dr. Ben Potgieter

Tulip poisoning (B 2)

Prussic acid poisoning

Province	Mpuma-langa	Gauteng	Limpopo	North West	Freestate	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Other poisonings

Free State

Harrismith: drs. Scheepers, Thirion en Nel

Two cases of overeating soya; frothy bloat (pH 6) and 16 sheep died.
 After cold rains sheep consumed too much maize on harvested fields. Probably due to maize being washed open and cold stimulating appetite leading to overeating..

Eastern Cape**Stutterheim: dr. David Waterman**

Seneciosis: 4 out of 64 covered heifers died due to chronic liver cirrhosis. The liver damage was most probably caused by *Senecio* plants which had been ingested during the spring of 2011. In another case 12 out of 36 weaner calves also had liver cirrhosis. Another plant growing in the region is *Lasiospermum bipinnatum*. I advise the farmers to dose their animals with activated charcoal for 3 days before they are put onto an infected pasture. (B 2)

Aliwal North: dr. Casper Troskie

Senecio poisoning was diagnosed.

Northern Cape**Calvinia: ds Lizanne de Beer and D. vd Merwe**

Witstormbos poisoning (*Thesium* spp.): 20 out of 100 ewes died in the Sutherland district. Sheep died acutely and those that survived for a longer period developed asphyxia and a diarrhoea (O3)

KwaZulu-Natal**Dundee: dr. Tony Grace**

Dundee lick concentrate fed without adding salt

Conditions that are caused by more than one organism or disease causing factor

Abortions

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	4				1	2	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2				1	2	1,5		
Species affected	B,O				B	B	B,C		

Mpumalanga**Middelburg: dr. Neil Fourie and Johan Barkhuizen**

Abortions (B, O 2)

Standerton: dr. Kobie Kroon

Abortions (B,O 2)

Ermelo: dr. Ben Potgieter

Abortions (B 2)

Piet Retief: drs. Dieter Weber and Wolfgang Niebuhr

Abortions (B 2)

Free State**Frankfort: dr. Dries Lessing**

Abortions (B 2)

KwaZulu-Natal

Dundee: dr. Tony Grace

Abortions (B 2)

Underberg: drs. Collins, King en Delaney

Abortions (B 2)

Eastern Cape

Graaff-Reinet: dr. Roland Larson

A ration fed to goats led to abortions occurring in goats (C 1)

Humansdorp: drs. Van Niekerk and J van Vuuren

Abortions (B 2)

Poor Conception

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	4				2	1			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3				2,5	3			
Species affected	B				B	B			

Mpumalanga

Ermelo: dr. Ben Potgieter

Poor grazing during late summer had led to poor reconception rates (B 2)

Middelburg: drs. Neil Fourie en Johan Barkhuizen

The low rainfall in the beginning of summer is now taking its toll. (B 3)

Standerton: dr. Kobie Kroon

Poor conception (B 3)

Volksrust: dr. André Visser

Poor conception (B 3)

Free State

Frankfort: dr. Dries Lessing

Poor conception (B 3) First calving cows should be in separate herds with the best grazing and given supplementation.

Harrismith: drs. Scheepers, Thirion en Nel

Poor conception (B 2)

KwaZulu-Natal

Dundee: dr. Tony Grace

On a farm which had been hit by the drought and where poor additional supplementation had been given to the breeding herd, conception rate had fallen from 88 to 73%. The cows also conceived one to two months later than usual (B 3)

Dystocia

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	2				1	1	2		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2				2	3	2		
Species affected	B				B	B,O	B		

Mpumalanga

Standerton: dr. Kobie Kroon

Dystocia (B 3)

Ermelo: dr. Ben Potgieter

Dystocia (B 1)

Free State**Frankfort: dr. Dries Lessing**

Dystocia (B2)

KwaZulu-Natal**Underberg: drs. Collins, King en Delaney**

Dystocia (B,O 3)

Eastern Cape**Graaff-Reinet: dr. Roland Larson**

Dystocia (B 1)

Humansdorp: drs. Van Niekerk and J van Vuuren

Dystocia (B 3)

Metritis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease						1	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance						1	1		
Species affected						B	B		

KwaZulu-Natal**Underberg: drs. Collins, King en Delaney**

Metritis (B 3)

Eastern Cape**Humansdorp: drs. Van Niekerk and J van Vuuren**

Metritis (B 1)

Retained afterbirths

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease					1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					2				
Species affected					B				

Free State**Frankfort: dr. Dries Lessing**

Retained afterbirths (B 2)

Prolapses

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease							1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance							2		
Species affected							B		

Eastern Cape

Humansdorp: drs. Van Niekerk and J van Vuuren
Prolapses (B 2)

Navel infections

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Joint-ill/Arthritis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									1
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									3
Species affected									O

Northern Cape

Calvinia: dr. Lizanne de Beer and Dirk vd Merwe
Joint-ill (O, 3)

Mastitis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease						1		1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance						3		2	
Species affected						B		B	

KwaZulu-Natal

Underberg: drs. Collins, King en Delaney
Mastitis (B 3)

Western Cape

George: dr Muller Strydom
Mastitis (B 2)

Foot rot and lameness

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
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No vets reporting this disease							1	1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance							2	2	
Species affected							B,O	B	

Eastern Cape

Humansdorp: dr. Francois van Niekerk

Footrot and lameness (B, O 2)

Western Cape

George: dr Muller Strydom

Footrot and lameness (B 2)

Bloat

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease					1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					2				
Species affected					O				

Free State

Harrismith: drs. Scheepers, Thirion en Nel

Frothy bloat due to overeating of soya

Diarrhoea

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	2				1	1	1		1
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1				2	2	2		2
Species affected	B				B	B	B		B

Mpumalanga

Middelburg: dr. Neil Fourie and Johan Barkhuizen

Diarrhoea (B 1)

Piet Retief: drs. D. Weber en W. Niebuhr

Diarrhoea in calves: Samples were taken from calves with diarrhoea and rota virus was isolated (B 1)

FreeState

Frankfort: dr. Dries Lessing

Diarrhoea (B 2)

KwaZulu-Natal

Underberg: drs. Collins, King en Delaney

Diarrhoea (B 2)

Eastern Cape

Humansdorp: drs. Van Niekerk and J van Vuuren

Diarrhoea (B 2)

Northern Cape

Kathu: dr. Jan Vorster
Diarrhoea (B 2)

Eye infection/ Ophthalmia

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	2				1	1	3	1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2				2	2	2	2	
Species affected	B				B	B	B	B	

Mpumalanga

Ermelo: dr. Ben Potgieter

Many cases of ophthalmia were seen (B 2)

Standerton: dr. Kobie Kroon

Ophthalmia (B, O 2)

Free State

Frankfort: dr. Dries Lessing

Ophthalmia (B 2)

KwaZulu-Natal

Underberg: drs. Collins, King en Delaney

Ophthalmia (B 2)

Eastern Cape

Stutterheim: dr. David Waterman

Ophthalmia (B 1)

Graaff-Reinet: dr. Roland Larson

Ophthalmia (O 2)

Humansdorp: drs. Van Niekerk and J van Vuuren

Ophthalmia (B 2)

Western Cape

George: dr Muller Strydom

Ophthalmia (B 2)

Abscesses

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	2				1	1	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1,5				2	2	1		
Species affected	O				B	B,O	B		

Mpumalanga

Standerton: dr. Kobie Kroon

Abscesses (O 2)

Ermelo: dr. Ben Potgieter

Abscesses (O 1)

Free State

Frankfort: dr. Dries Lessing

Abscesses (B2)

Eastern Cape

Humansdorp: drs. Van Niekerk and J van Vuuren

Abscesses (B 1)

Pneumonia

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	3				2	2	1	3	1
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2				3	2	1	2	1
Species affected	B,O				B	B	B	B,O	O

Mpumalanga

Ermelo: dr. Ben Potgieter

Pneumonia was seen on numerous farms in calves just after weaning (B 3, O 1)

Volksrust: dr. André Visser

Pneumonia (B 2)

Standerton: dr. Kobie Kroon

Pneumonia (B 2)

Free State

Frankfort: dr. Dries Lessing

Pneumonia (B 3) Vaccinate calves at 3-4 months as prescribed with BRD vaccines.

Ladybrand: drs. Van Hasselt and Blaauw

Pneumonia (B 3) Five backgrounding calves died after outbreak of pasteurellosis. Problem caused by very cold conditions with warm weather followed by extreme cold. Animals were vaccinated but immunity had not yet been established.

KwaZulu-Natal

Dundee: dr. Tony Grace

Acute deaths occurred in weaner calves. The calves received no vaccines against bovine respiratory disease. The outbreak was brought under control after calves had been vaccinated with IBR plus *Mannheimia haemolytica* antigens.

Underberg: drs. Collins, King en Delaney

Pneumonia (B 2)

Eastern Cape

Humansdorp: dr. Francois van Niekerk and J van Vuuren

Pneumonia (B 1)

Northern Cape

Kenhardt; dr. Dave Midgley

Goat ram died with severe lung lesions

Nutritional deficiencies

Macro feed deficiencies

Protein

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1				1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3				3				
Species affected	B,O				B,O				

Mpumalanga

Middelburg: dr. Neil Fourie and Johan Barkhuizen

Protein deficiency (B, O 3)

Free State

Frankfort: dr. Dries Lessing

Protein deficiency (B,O 3)

Energy

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1				1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3				3				
Species affected	B,O				B,O				

Mpumalanga

Middelburg: dr. Neil Fourie and Johan Barkhuizen

Energy deficiency (B,O 3)

Free State

Frankfort: dr. Dries Lessing

Energy deficiency (B,O 3)

Phosphate

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Calcium

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease					1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Other Micro feed conditions

Copper

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Selenium

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1								
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3								
Species affected	O								

Mpumalanga

Standerton: dr. Kobie Kroon

Selenium deficiency is wide spread in this area (B,O 3)

Free State

Vitamin A

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease						1			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance						3			
Species affected						B,O			

KwaZulu-Natal

Dundee: dr. Tony Grace

Vitamin A deficiency: abortions were seen at 4 to 5 months pregnancy. No infectious agent could be isolated from samples sent to the laboratory. It seems as if the very dry summer and scarce grazing conditions are now beginning to take its toll. Vitamin ADE supplementation should now be given to animals (B,O 3)

Metabolic diseases

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Horses

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Dogs

Northern Cape

Kathu: dr. Jan Vorster

Seeing a lot of haemorrhagic gastro-enteritis in dogs. Samples sent to Pathcare:
Clostridium septicum and *C. sordelli* were isolated on FAT

Pigs

Eastern Cape

Humansdorp; drs. Van niekerk and J van Vuuren

Farmer with 20 sows loses R214 per slaughter pig due to ileitis. Ilietis is caused by *Lawsonia intracellularis* and signs are diarrhoea and poor growth.

Feedlot report

Feedlot report: dr. Eben du Preez

Sheep:

Many cases of fleece rot were seen in Dorpers. The condition was caused by the bacteriae *Pseudomonas* in combination with *Staphylococcus epidermidis* which caused inflammation of the hair follicles. So much damage was caused in the skin that they were condemned. Abattoirs ensued big financial losses as the income from the skins is the profit they make under present conditions.

Pasteurella multocida infections occurred in the lungs of animals in feed lots due to stress and dusty conditions.

Urolithiasis occurred in some ram lambs.

Light weight lambs and skinny sheep still remain a big problem in feedlots.

Goat mortalities due to wireworm infestation occurred in feedlots.

Cattle:

Temperature fluctuations during the past month contributed to stock losses as a result of pneumonia. The long drought period contributed to the dusty conditions in some of the feedlots leading to more cases of pneumonia.

Blue ticks are still present under the long hair of weaner calves and are not easily seen. Calves that have already contracted diseases while with their mothers arrive diseased at the feedlots and die within days after intake. It has been shown that calves from certain farms are more prone to diseases in the feedlot and blood tests show that these calves' immune systems are totally naïve against organisms that are present in the feedlots. It shows that the mothers of these calves did not transfer sufficient protective antibodies in the colostrum to their calves due to the fact that they were not vaccinated.

Nutritional deficiencies in calves also play a big role in their susceptibility to diseases.

