

**Monthly report on livestock disease trends as informally reported by veterinarians belonging to the Ruminant Veterinary Association of South Africa (RuVASA), a group of the South African Veterinary Association**

**May 2016**

Previous disease reports can be seen on the RuVASA website [www.ruvasa.co.za](http://www.ruvasa.co.za)

**Click on Disease Reports**

**The following practices and laboratories (141) submitted reports during May 2016:**

**Mpumalanga (13)**

Balfour – Dr. Louis van Jaarsveld  
Bethal – Dr. Hardus Pieters  
Delmas – Dr. Johan Jooste  
Ermelo – Dr. Ben Potgieter  
Grootvlei – Dr. Neels van Wyk  
Karino (Nelspruit) – Dr. Silke Pfitzer  
Lydenburg – Drs. Trümpelmann and Steyn  
Nelspruit – Dr. André Beytell  
Middelburg – Drs. Fourie, Malan and Erasmus  
Piet Retief - Drs. Niebuhr and Weber  
Standerton – Dr. Kobie Kroon  
Standerton – Drs. Nel, Swart, Van der Merwe, Van den Berg and Geral  
Volksrust – Drs. Watson, Solomon and Scheepers

**Gauteng (10)**

Bapsfontein – Drs. Engelbrecht and Olivier  
Bronkhorstspuit – Drs. De Bruin, De Bruin, Rudolph and Slabber  
Krugersdorp – Dr. Clare Speedy  
Magaliesburg – Dr. Ryan Jeffery  
Midvaal – Dr. Monica Burger  
Muldersdrft – Dr. Claire Speedy  
Nigel – Dr. Cindy van der Westhuizen  
Onderstepoort Veterinary Academic Hospital – Proff. Annandale, Prozesky, Shakespear, Holm and Drs. Esposito, Gratwick, Hamman, Harmse and O'Dell  
Pretoria – Dr. Hanneke Pienaar  
Pretoria – Dr. Rosaly Steyn

**Limpopo (10)**

Alldays – Dr. Nico du Preez

Bela Bela – Drs. Du Toit and Herbst

Bela-Bela – Dr. Nele Sabbe

Lephalale (Ellisras) – Dr. Brigitte Luck

Makhado (Louis Trichardt)– Drs. Harris, Klopper and Jacobs

Modimolle (Naboomspruit)– Drs. Huber, Bredell and Barnard

Mokopane (Potgietersrus) - Dr. Henk Visser

Polokwane (Pietersburg) – Drs. Watson, Viljoen, Jansen Van Vuuren, Van Rooyen, Snyman and Cremona

Vaalwater - Dr. Hampie van Staden

Vryburg – Dr. Jurie Kritzinger

### **North West (10)**

Brits – Drs. Boshoff and Coertze

Christiana - Dr. Pieter Nel

Klerksdorp – Drs. Van den Berg and Theron

Klerksdorp – Drs. Coetzee and Venter

Leeudoringstad - Dr. Ian Jonker

Lichtenburg – Dr. Fritz Ras

Lichtenburg – Dr. Nelmarie-Krüger-Rall

Rustenburg – Drs. Gaigher, Grobler, Sparks, Van Edom, Van Rooyen, Goosen and Van Rensburg

Stella - Dr. Magdaleen Vossler

Ventersdorp/ Koster – Drs. Marais and Benadé

### **Free State (25)**

Bethlehem – Drs. Strydom and Strydom

Bethlehem – Dr. J.C. Du Plessis

Bothaville – Dr. Johann Blaauw

Bultfontein – Dr. Santjie Pieterse

Clocolan – Dr. Liezel Wasserman (Marwick)

Dewetsdorp – Dr. Marike Badenhorst

Ficksburg – Drs.Kotze and Coetzer

Frankfort - Drs. Lessing, Cilliers and Janse van Rensburg

Harrismith - Drs. Pretorius, Bester and Nel

Hertzogville – Dr. Nico Hendrikz

Hoopstad - Dr. Kobus Pretorius

Kroonstad – Drs. Daffue, Eksteen, Van Zyl and Van der Walt

Ladybrand/Excelsior - Drs. De Vos and Nel

Memel – Drs. Nixon and Nixon

Parys – Drs. Wessels and Wessels

Phillipstown – Dr. Stephan Vermeulen

Reitz - Dr. Murray Smith

Trompsburg/Springfontein – Dr. Wyn Irwin

Viljoenskroon - Dr. Johan Kahts

Villiers – Drs. Hattingh and Hauptfleisch

Vrede – Drs. Myburgh and Bester-Cloete

Vrede- Dr. Rudolph Fourie

Wesselsbron –Dr. Johan Jacobs

Winburg – Drs. Albertyn and Albertyn

Zastron – Drs. Troskie and Strauss

### **KwaZulu-Natal (19)**

Bergville - Dr. Ariena Shepherd

Bergville – Dr. Jubie Muller

Camperdown – Dr. Anthony van Tonder

Dundee – Drs. Marais and Fynn

Estcourt – Drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar

Greytown – Dr. Mike Caldicott

Howick – Drs. Hughes, Lund, Gordon, Allison and Taylor

Ingogo – Dr. Trish Oglesby

Kokstad- Drs. Clowes and Shrives

Mooi River - Drs. Fowler, Hartley, Waterman and Mallet

Mtubatuba – Dr. Trever Viljoen

Newcastle – Dr. Barry Rafferty

Pietermaritzburg – Dr. Rick Mapham

Pietermaritzburg – Dr. Phillip Kretzmann

Pongola – Dr. Heinz Kohrs

Ulundi – Dr. Ben Muller

Underberg - Drs. Collins, King and Delaney

Underberg – Drs. Dommett and Dommett

Vryheid – Drs. Theron and Theron

### **Eastern Cape (18)**

Alexandria - Drs. Olivier and Dreyer

Aliwal North/Zastron – Drs. Troskie and Strauss

Bathurst – Dr. Jane Pistorius

Colesberg – Drs. Rous and Rous

Cradock – Dr. Frans Erasmus

Cradock – Dr. Ilse Jenkinson

Graaff- Reinet - Dr. Roland Larson

Graaff-Reinet – Drs. Hobson, Strydom and Hennesy

Jeffreys Bay – Drs. Hoek, Lategan and McFarlane

Kareedouw- Dr. Marten Bootsma

Middelburg/Steynsburg – Drs. Van Rooyen and Viljoen

Port Alfred – Dr. Leon de Bruyn

Queenstown - Drs. Du Preez, Godley, Klopper, Jansen van Vuuren, De Klerk and Catherine

Riversdale – Drs. Du Plessis, Taylor, Du Bruyn and Van der Merwe

Somerset East – Drs. Farrel, Louw and Ross

Stutterheim - Dr. Dave Waterman

Uitenhage – Drs. Mulder and Krüger

Witelsbos – Dr. Bernadine van den Berg

**Western Cape (20)**

Beaufort West - Drs. Pienaar and Grobler

Caledon – Drs. Retief and Rissik

Ceres – Drs. Pieterse, Wium, Freeman, De Villiers and Scheepers

Darling – Drs. Van der Merwe, Adam and Senekal

George - Drs. Strydom, Truter and Pettifer

George – Dr. Riaan Putter

Heidelberg – Dr. Albert van Zyl

Malmesbury – Dr. Otto Kriek

Malmesbury – Dr. Markus Fourie

Malmesbury – Dr. N.J. Heyns

Oudtshoorn – Dr. Glen Carlisle

Oudtshoorn – Dr. Adriaan Olivier

Piketberg – Dr. André van der Merwe

Plettenberg Bay – Dr. André Reitz

Plettenbergbay – Dr. Stephan Nell

Riversdale – Drs. Du Plessis, Taylor and De Bruyn

Stellenbosch – Dr. Alfred Kidd

Swellendam – Drs. Malan and Venter

Vredenburg - Dr. Izak Rust

Wellington – Dr. William van Zyl

**Northern Cape (7)**

De Aar – Dr. Donald Anderson

Calvinia – Dr. Bertus Nel

Jan Kempdorp – Dr. Jan Brand

Kathu – Dr. Jan Vorster

Kimberley – Drs. Van Heerden and Swart

Kimberley – Dr. Trudie Prinsloo

Upington – Drs. Vorster and Visser

**Feedlots (2)**

Drs. Morris and Du Preez

Dr. Andy Hentzen

**Laboratory reports (7)**

Dr. Mark Chimes - Deltamune laboratory

Dr. Marijke Henton - Idexx SA Johannesburg

Dr. Liza du Plessis – Idexx SA Onderstepoort

Dr. Alan Fisher – Queenstown Provincial laboratory

Dr. Rick Last – Vetdiagnostix, Pietermaritzburg

Dr. Lucy Lange – Pathcare, Cape Town

## Summary of disease report for May 2016

141 Reports from veterinary practices and laboratories were received (Mpumalanga (MP) 13; Gauteng (G) 10; Limpopo (L) 10; North West (NW) 10; Free State (FS) 25; KwaZulu-Natal (KZN) 19; Eastern Cape (EC) 18; Western Cape (WC) 20; Northern Cape (NC) 7; Feedlots (FL) 2 and Laboratories (Lab) 7).

May had been hotter than usual and in many places no frost had been encountered. With late rains that fell in some areas the result was that internal and external parasite infestations were rife. Reports of tick and insect borne diseases were received from many parts of the country.

The months ahead of us is going to be a big challenge for farmers due to lack of roughage for animals. Hopefully the rains will come early in spring. Our hearts go out to all farmers in drought stricken areas.

“ Nine cases of **heartwater** in goats. Weather conditions – unbelievable for near winter up to 33 degrees Celcius – no wind, unusual for the Eastern Cape. I fear ticks and heartwater will be with us all winter” Bathurst, Dr. Jane Pistorius.

**Corridor disease:** “Cattle farming no longer viable in the Magudu area due to this disease”

### **Blue tongue:**

“Sheep were not vaccinated”.

“Several cases and reports of blue tongue. Fairly warm temperatures in May helped the development of disease with no frost as yet”.

“Farmers in the Karoo report a very high prevalence of blue tongue- finding many carcasses”.

### **Blackquarter and pulpy kidney:**

“Animals not vaccinated”, “Booster vaccinations not given”.

### **Brucellosis:**

“28 positive cases”.

### **Johne’s disease:**

Positive sheep farm in the Free State

### **Cryptosporidiosis:**

Harrismith, Kroonstad, Winburg

### **E.coli:**

Numerous deaths in lambs were reported in large areas of the country. In most cases the bacteria *E.coli* was isolated. A new test kit where infection with cryptosporidiosis can be identified is now available for veterinarians. This coccidiosis like organism could perhaps be the instigator of disease before *E. coli* takes over causing diarrhoea and death.

“*E. coli* – late rains in North West, Gauteng and Mpumalanga increase in *E. coli* infections – mastitis, calf diarrhoea and lamb mortalities”.

“Farmers have problems with young lambs having yellow diarrhoea”.

“Previous diagnosed farm had an outbreak again even after vaccination and management changes”.

“Widespread diarrhoea in lambs. Suspect *E. coli*, farmers do not want to spend money on laboratory tests”.

### ***Escherichia coli* infections**

*E. coli* is a common bacterium found all over. When mentioning *E. coli*, you are actually talking about a very big group of different *E. coli* strains (biotypes or serotypes). There literally are thousands of different strains.

*E.coli* appears in the intestinal tract of all animals and in the water of the environment, especially in kraal manure. In all of these places *E. coli* appears as a mixture of a few different strains. *E.coli* forms an important part of the normal intestinal bacteria of all animals.

Most of these *E.coli* strains do not cause any disease. Animals can carry these strains in their intestinal tract without any consequences.

Only a few *E. coli* strains cause disease. These strains carry certain factors (virulence factors) that identify them as disease causing strains. The factors are usually coupled with both toxin (poison) and an attachment factor, which allow them to attach to the intestinal wall and not to be discharged with digested food. The two work together, resulting in the culprit being able to live in the intestinal tract for a long time while constantly secreting poison.

The ordinary *E. coli* does not produce poison and they cannot settle in the intestinal tract permanently.

Ordinary laboratory tests cannot differentiate between the ordinary and the disease causing *E. coli* strains. Serotyping was used earlier to distinguish between them, but now there are PCR tests to identify the virulent factors. These tests are expensive and are not usually done in South Africa. It is nevertheless worth the effort to develop a demand for such tests, for if the specific virulent factors are known, then the correct vaccine can be given.

Antibiotics kill bacteria but because of misuse and excessive use of antibiotics, many *E. coli* strains are now resistant to most antibiotics. In such circumstances a vaccine is appropriate because vaccines prevent disease and the antibiotics will not be needed.

**Recommendation to solve the problem:**

Consult your veterinarian.

Take dung and organ samples on ice.

Send them to an accredited laboratory.

A laboratory can determine the germ or virus causing the disease.

The laboratory can do an antibiogram and then determine which antibiotic will be most effective against the causative germ.

Virulent factors of the specific *E. coli* bacteria can be determined.

If the registered vaccines on the market do not contain the specific *E. coli* then an autogenous vaccine can be made for the specific farm.

Contact your veterinarian on how to go about this.

Your veterinarian may contact the author for more information.

Written by Dr. Marijke Henton, Bacteriologist ([marykehenton@outlook.com](mailto:marykehenton@outlook.com))

## Internal parasites

The following reports were received from practices regarding internal parasite infestations:

Internal parasites	MP	G	L	NW	FS	KZN	EC	WC	NC
Roundworms	x	x	x	x	x	x	x	x	
Resistant roundworms	x	x			x	x			
Wireworm	x			x	x	x	x	x	x
Brown stomach-worm						x	x	x	
Large-mouthed bowelworm									
Nodularworm									
Lungworm									
Eyeworm									
<i>Parafilaria</i>						x			
Tapeworms	x	x	x		x	x		x	
Liver fluke	x	x		x	x	x		x	
Conical fluke	x			x	x	x		x	
Cysticercosis (measles)	x				x	x			
Schistosomiasis (bilharzia)									
Coccidiosis	x	x	x	x	x	x	x	x	
Cryptosporidiosis					x				

An increase in the number of animals affected by internal parasites was reported during May especially in areas where late rain fell. Many areas had exceptionally warm daily temperatures which is conducive for infective larvae to develop on pastures. Mortalities due to wireworm infestation were reported.

**Be on the alert for signs indicating internal parasitism: anaemia, bottle jaw, weight loss and diarrhoea. Animals under stress and lack of protein and energy, are more susceptible to parasites.**

As resistance of worms, especially wireworm, to many of the anthelmintic groups are reported, control and preventative measures against parasites should be discussed with your veterinarian to prevent serious losses of livestock.

## External parasites

The following reports were received from practices regarding external parasite infestations:

External parasites	MP	G	L	NW	FS	KZN	EC	WC	NC
Blue ticks	x		x	x	x	x	x	x	
Resistant blue ticks	x				x	x			
Heartwater ticks	x	x	x	x	x	x			
Brown ear-ticks		x	x		x	x			
Bont-legged ticks	x		x	x	x	x	x		
Red-legged ticks				x	x	x		x	
Paralysis ticks							x	x	x
Biting lice	x			x	x		x	x	
Sucking lice					x				
Itch mites									
Sheep scab	x				x	x	x		
Mange mites			x						
Nuisance flies					x	x	x	x	
Midges				x	x			x	
Mosquitoes				x					
Blowflies	x	x	x	x	x	x		x	
Screw-worm			x	x		x	x		
Geddoelstia (uitpeuloogsiekte)									
Nasal bot		x			x				

Reports of an increase in tick numbers were received especially where late rains fell. As many animals are in poor condition, bloodloss due to blue ticks taking in blood meals could result in serious losses.

In most areas severe infestations of brown ear-tick and bont-legged tick infestations were reported.

Larval stages of multi-host ticks are prevalent during the winter months, and winter tick treatment should be discussed with your veterinarian especially where brown ear-ticks are a problem.

Be aware of wounds that are caused by ticks with long mouth parts (bont and bont legged-ticks) as the screw-worm fly lays its eggs in these wounds leading to myiasis (screw-worm larvae in wounds) and even deaths.

**Selection for resistant blue ticks are an ever increasing problem. Discuss your ectoparasite control program with your veterinarian. Tick resistance to the various actives is increasing and it is advised that blue ticks on your farm should be tested for resistance!**



An increase in lice infestation was reported and animals in poor condition due to lack of protein and energy should be treated to prevent further weight loss.

## Tick borne diseases

The following tick borne diseases were reported by practices in the provinces:

Tick borne diseases	MP	G	L	NW	FS	KZN	EC	WC	NC
African red water	X		X	X	X	X	X	X	
Asiatic red water	X	X	X	X	X	X	X	X	
Anaplasmosis	X	X	X	X	X	X	X	X	
Heartwater	X	X	X	X	X	X	X		
Lumpy skin disease	X	X		X	X	X			
Corridor disease						X			
Theileriosis									

Tick borne diseases are rife due to high blue tick numbers that are still present. Susceptible animals are also moved into red water and heartwater areas. Infected ticks are also transported with grass bales from infected areas. Vaccines are available to control most of these tick transmitted diseases.

**Discuss preventative measures with your veterinarian.**

The following tick toxicoses were reported by practices in the provinces:

Tick toxicosis	MP	G	L	NW	FS	KZN	EC	WC	NC
Sweating sickness				X			X		

Sweating sickness is caused by the toxin secreted by the bont-legged tick. They like to attach in the tail brush and therefore this area should be treated as well.

## Insect transmittable diseases

The following insect transmittable diseases were reported by practices in the provinces:

Insect transmittable diseases	MP	G	L	NW	FS	KZN	EC	WC	NC
Lumpy skin disease	X	X	X	X	X	X			
Ephemeral fever (Three day stiff sickness)	X	X	X	X	X	X			
Blue tongue	X	X		X	X	X		X	
Rift Valley Fever									
Wesselsbron									
Nagana									

Insect transmissible diseases were reported due to the presence of the vectors, biting insects.

Do not neglect vaccinating animals! As good rains are forecasted for the next season, plan now to order vaccines in time.

## Venerial diseases

The following venereal diseases were reported by practices in the provinces:

Venereal diseases	MP	G	L	NW	FS	KZN	EC	WC	NC
Trichomonosis	x	x	x	x	x	x	x	x	
Vibriosis	x		x		x	x		x	
Pizzle disease				x					

New cases of **trichomonosis** are reported every month and this disease is out of hand. This month it was reported that the disease was brought into the herd by buying in bulls and infected bulls jumoing fences. Make sure that you buy bulls from farmers where biosecurity measures are in place!

Make sure that fences are in tact and gates closed so that bulls cannot escape to neighbouring cows that may be infected with *Tritrichomonas* and become infected.

Cattle study groups should discuss preventative and control measures with their veterinarians. **Be sure to test bulls regularly for these diseases.**

**Beware when buying in or sharing bulls! Remember female animals may also be infected.**

## Bacterial diseases

The following bacterial diseases were reported by practices in the provinces:

Bacterial diseases	MP	G	L	NW	FS	KZN	EC	WC	NC
Anthrax							x		
Blackquarter	x		x	X	x	x	x	x	x
Botulism		x		x					
Pulpy kidney	x		x	x	x	x	x	x	x
Lamb dysentery					x				
Swelled head		x	x		x				
Red gut (cattle)							x		
Blood gut (sheep)	x				x		x	x	
Tetanus	x			x	x	x	x	x	
Salmonellosis	x								
Bovine brucellosis	x		x	x	x				x
Ovine brucellosis				x	x		x	x	x
<i>Actinobacillus seminis</i>									
Bovine tuberculosis									
Johne's					x				
Leptospirosis									
Listeriosis									
<i>Pseudomonas</i>									
<i>Fusibacterium necrophorum</i>				x				x	
Septicaemia									
<i>E. coli</i>	x	x		x	x	x	x	x	
Enzootic abortion	x					x		x	
Lumpy wool									
Uterine gangrene									
Bovine dermatophilosis (Senkobo disease)					x		x	x	

Wooden tongue									
Lumpy jaw									

### A few comments on bacterial diseases:

Small stock are given additional concentrates and feed during the drought. Make sure that animals are vaccinated against pulpy kidney as many deaths were reported.

New brucellosis and *E. coli* outbreaks are reported every month.

**Study the presence of diseases in your area and update your vaccination programme and order vaccines and booster doses in advance!**

**To control and eradicate brucellosis is a top priority for all of us!**

**According to law all heifers must be vaccinated between the ages of 4 to 8 months!**

## Viral diseases

The following viral diseases were reported by practices in the provinces:

Viral diseases	MP	G	L	NW	FS	KZN	EC	WC	NC
BMC (snotsiekte)	x		x	x	x	x	x		
Rabies (cattle)				x		x			
BVD			x		x				
IBR				x	x	x	x		
BRSV	x								
PI3									
Maedi visna virus									
Rotavirus / Coronavirus									
Enzootic bovine leucosis (EBL)						x	x	x	
Sheep leucosis					x				
Jaagsiekte					x				
Orf	x	x		x	x	x	x	x	
Warts	x		x	x	x	x		x	

There is no treatment for viral diseases with the result that animals have to be protected by vaccinations if they are available.

There is not a vaccine available against snotsiekte. This deadly virus is associated with wildebeest but remember there is also a sheep associated strain. Wildebeest sheds the virus especially during their calving season, when calves are weaned and during the hunting season when they are stressed. A vaccine against snotsiekte is at present been tested and hopefully the dossier for registration will be completed before the end of the year.

Discuss vaccination programmes with your veterinarian.



Harpuisbos									
Syringa berries									
Kraalbos									
Crotolaria									
Radish									
Carrot poisoning									
Onion poisoning									
Bracken fern									
Pollen beetle ( <i>Astylus atromaculatus</i> )									
Water contamination									
Nitrate									
Urea					x	x	x	x	
Snake bite	x			x					
Moth cocoons (impaction)									
Blue green algae					x				
Copper									
Selenium									
Zinc									
Fluoride									
Lead									
Paraquat									
Phosamine									
Pyrethroid									
Amitraz									
Levamisole									
Tilmicosin									
Ionophor									
Hypo									

As grazing conditions become poorer, toxic plants are usually greener and farmers should be aware of these plants and which clinical signs are seen when they are eaten.

Urea poisoning was on the increase which is a management problem.

## Nutritional deficiencies

The following nutritional deficiencies were reported by practices in the provinces:

Deficiencies	MP	G	L	NW	FS	KZN	EC	WC	NC
Energy	x			x	x	x	x	x	
Protein				x	x	x	x	x	
Phosphate				x		x			
Calcium		x		x	x	x		x	



Navel ill				X	X	X			
Red gut (sheep, torsion of gut)					X				
Rectal prolaps									
Trauma		X		X		X	X	X	
Plastic bags (ingestion)									
Downer		X		X	X	X		X	

Abortions were reported due to chlamydiosis, tick borne diseases, *Coxiella* and poor nutrition to mention a few.

Numerous cases of traumatic pericarditis were reported. Pick up pieces of wire lying around as the animal dying might be your prize bull.

Discuss the origin, treatment and prevention of these diseases with your veterinarian

## Metabolic diseases

The following diseases were reported by practices in the provinces:

Metabolic diseases	MP	G	L	NW	FS	KZN	EC	WC	NC
Acidosis	X			X	X	X		X	
Displaced abomasums						X	X		
Ketosis		X			X	X		X	
Milk fever				X	X	X		X	

There is an increase in the reporting of acidosis. Many farmers are feeding their animals due to the drought. Make sure that you adapt animals to feed containing concentrates.

Discuss the etiology, treatment and prevention of these diseases with your veterinarian.

## Reproductive diseases

Reproductive diseases	MP	G	L	NW	FS	KZN	EC	WC	NC
Dystocia (difficult births)	X	X	X	X	X	X	X	X	
Endometritis		X			X	X		X	
Metritis		X			X	X	X	X	
Poor conception	X			X	X	X	X	X	
Retained afterbirth	X	X		X	X	X	X	X	
Sheath prolaps	X	X				X		X	
Uterine prolaps	X			X	X	X		X	
Vaginal prolaps	X	X		X	X	X	X	X	
Penis injury				X					

The drought play a huge role in fertility. Fertility of animals is one of the most important factors determining the success of farming. Discuss all issues with your veterinarian.

## Environmental conditions

	MP	G	L	NW	FS	KZN	EC	WC	NC
Exposure to cold				x	x				
Frozen to death					x				
Heat stress									
Lightning	x				x				
Drought					x	x			

Other conditions: Drug residues (NW, FS, KZN), predators (MP, G, FS, EC, WC); theft (G, FS) and trauma (MP, NW, FS, and EC) and numerous cases of traumatic pericarditis – wire penetrating the heart sack from the reticulum.

**Comment:**

In the CODE OF CONDUCT of the RPO the following standard operating procedures are documented. The local veterinarian should be your partner to help you achieve the necessary standards. <http://www.rpo.co.za/BestPractices/English.aspx>

**PRECAUTIONARY MEASURES TO SUPPORT BIO-SECURITY.**

Precautionary measures are required to protect the herd against diseases acquired because of external contact. The following categories are of concern:

**1. DIRECT LIVESTOCK PURCHASES (and own animals returning):**

The following should be *verified* before importing new animals into the herd:

How long animals have resided at the purchase or previous location?

Have there been any recent disease outbreaks in the location?

Do brand marks clearly confirm ownership?

Was a vaccination program followed (need paper or veterinarian proof). What are the local prevalent external parasites and the routinely implemented control program?

Is a veterinarian supported control program against transmittable diseases followed?

Dates and sufficient number of tests for reproductive diseases of both male and female

Dates and tests for zoonotic diseases

The above should also be verified with the purchaser's own veterinarian.

**2. PURCHASES FROM SALES OR SPECULATORS**

Purchase only in areas which are not in close proximity to scheduled areas

Visually inspect the animals before purchasing for:

\* brand marks

\* parasite infestation

**3. TRANSPORT TO THE FARM**

Use only reputable transporters

Has the truck been cleaned and disinfected?

Truck to follow the shortest uninterrupted route

Truck to take the shortest route to the handling facilities

Do not allow the truck personnel to get in contact with the farm herd

**4. ARRIVAL ON THE FARM**

Off-load the livestock to limit stress and to be visually evaluated for any unnatural conditions



Isolate them from the farm herd and shared facilities for at least 21 days (quarantine)  
Retest for diseases of concern if needed, before mixing with the rest of the herd  
Process new arrivals within 24 hrs after arrival (unique ID tag brand, dip, dose, vaccinate)  
Inspect regularly

#### **5. FEED PURCHASES**

Ensure bales of hay are sourced from areas that are not bordering scheduled areas  
Purchase feed from reputable dealers only  
Avoid buying feed in second hand bags  
Ensure feed trucks are also disinfected and cleaned, especially if also used to transport animals to abattoirs

#### **6. VISITORS**

Do not allow strangers or their vehicles amongst the livestock  
Ensure fences are well maintained and preferably jackal and warthog proof

#### **7. EMPLOYEES**

Do not allow the employees to eat in feed stores  
Supply employees with sufficient ablution facilities  
Regularly arrange to let employees be medicated for tape worm and have health check-ups  
Keep record of all employee livestock on the property  
Treat employee livestock with separate but dedicated health programs  
Ensure employees understand the reason behind the implemented bio-security measures to help ensure compliance.

### **GENERAL AND REPRODUCTION MANAGEMENT**

Record keeping: All animals are individually identified and recorded.

To prove ownership: All animals are marked with the registered brand mark according to the Animal Identification Act, No 6 of 2002.

A defined breeding season is the basis of effective management: The breeding season coincides with the rainy season, i.e. the period when nutritive value of the pasture is at its best.

Sufficient energy reserves in the herd as measured by condition scoring are vital, especially for effective breeding, and when inadequate the herd is supplemented in consultation with a nutritionist: Condition scoring of bulls and cows are regularly done, particularly at the onset of the breeding season and supplemented if necessary.

Bull - cow ratios are maintained: A ratio of 1 to 25 is maintained in every separate herd.

Fertility of breeding bulls: All breeding bulls are tested for mating ability and semen quality before the breeding season.

Sexually transferable diseases: Sheath washes or scrapes on bulls are performed annually.

Diseases that can cause poor conception, abortion or weak calves: Cows are vaccinated against such diseases in consultation with the veterinarian.

Breeding success monitored by a veterinarian: Rectal pregnancy or scan diagnosis is done by the veterinarian 8 weeks after the breeding season.

Twenty percent of cows or more not pregnant: Further tests are done to determine cause of low pregnancy rate.

Culling of non-pregnant cows: Non-pregnant cows are removed from the herd and considered a necessary bonus to supporting herd income.

### **HERD HEALTH AND BIO-SECURITY**

Maintenance of herd health is key to a successful enterprise: A veterinarian should visit the farm bi-annually at least.

Calf mortality before 3 months of age is an important reason for poor weaning percentage: Good management practices are applied to limit early calf deaths.

Some diseases and parasites (internal and external) are more often encountered in specific areas: Annual vaccinations and a parasite control program should be applied according to regional requirements and in liaison with the veterinarian.

Farmers selling weaned calves to feedlots may want to have a market advantage compared to others: A specific vaccination program is applied before weaning for that purpose.

Herds may be at risk of being exposed to CA and TB: The herd is tested annually for CA and all heifers are vaccinated against CA between 4 and 8 months of age with an efficient, approved remedy. The herd is tested at least every 5 years for TB

Precautionary measures are required to prevent diseases being imported into the herd: A quarantine program to keep incoming animals separate is followed. All incoming animals have a suitable certificate of negative test results or are of a certified clean, closed herd.

Stock remedies and medicines should be registered, correctly stored and used before the transpire date: All medicines and stock remedies are registered, stored and applied according to prescription.

Prescribed medicines with a specific application are under the control of the veterinary profession: All prescription medicines are obtained and applied under prescription from a veterinarian.

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## **Practices that had nothing to report**

**Bela-Bela – Dr. Nele Sabbe**

**Ceres - Drs. Pieterse, Wium, Freeman, De Villiers and Scheepers**

**Greytown – Dr. Mike Caldicott**

**Jan Kempdorp – Dr. Jan Brand**

**Kimberley – Dr. Trudie Prinsloo**

**Malmesbury – Dr. NJ Heyns**

**Malmesbury – Markus Fourie**

**Malmesbury – Dr. N.J. Heyns**

**Parys – Drs. Wessels and Wessels**

**Phillipstown - Dr. Stephan Vermeulen**

**Plettenberg Bay – Stephan Nell**

**Queenstown - Drs. Du Preez, Godley, Klopper, Jansen van Vuuren, De Klerk and Catherine**

**Trompsburg/Springfontein – Dr. Wyn Irwin**

**Upington – Dr. Ian Vorster**

## **Ostriches**

### **Western Cape**

**Oudtshoorn – Ostrimed**

<b>Condition</b>	<b>Comments</b>
Bont-legged ticks -3	High tick incidence which leads to down grading

	at abattoir due to export regulations. Bad season for ticks so far.
Tapeworms -2	Interesting, chicks returning from growers have a high infection. Dosing results in partial obstruction with reduced feed intake. Small lesions from detached heads more susceptible to clostridial infections. Some products have a bad reputation to induce red gut as well.
Mycoplasmosis -2	Change in season – temperature fluctuations and wind. Increased dust. Most chicks have a sinusitis/ rhinitis and tracheitis. High morbidity increasing production losses – slower growth. Dusty environment due to high heat and dry environment. Wind every afternoon. Dust bowl effect. Together with challenges on nutrients and stress. Opens door for <i>Mycoplasma</i> .
Protein /Energy deficiency -2	Rain and sudden drop in temperature. Leads to feed refusal of badly managed feed troughs and feeding. Increased soil pica, high energy demand for chicks that have been placed late in the season. Reduced feed intake, all contribute to diarrhoea – sand irritation and fecal bacteria. Insufficient nutrient intake, stress on immune system and growth. Opportunistic bacteria or other infections, chronic low grade <i>Clostridium perfringens</i> infection. Gut damage.
Cold and wet	Birds have significantly reduced feed intake, resulting in energy and protein deficiency – poor growth and any stress e.g. handling or slightly cold weather cause acute mortalities due to PED = protein/ energy deficiency.
Midges and fly worry -2	Sporadic hot weather stimulates insect population booms.
Red gut and pulpy kidney -3	Sporadic warm weather results in lucern blooms which are susceptible to wilting. Higher intake of such pastures result in clostridial overgrowth.
Ophthalmia - 2	
Sinusitis - 2	
Cold exposure -2	

## Equines

### Mpumalanga

#### Volksrust

African Horse sickness – Outbreak in Boerperd stud – 9 deaths reported

### Gauteng

#### Muldersdrif

Babesiosis - 2

Encephalosis virus – 3

## **Limpopo**

### **Bela-Bela**

Babesiosis – 1

African Horse Sickness – Dikkop 1

### **Polokwane**

Bont-legged ticks – 2

Lungs – 2

Diarrhoea -2

### **Tzaneen**

African Horse Sickness - 1

## **Free-State**

### **Bethlehem**

Colic – 2 (sand impaction)

### **Ladybrand/Excelsior**

Brown eartick - 2

### **Memel**

Nuisance flies- 1

### **Winburg**

Lungworm – Blesbok, lungworm at necropsy

## **KwaZulu-Natal**

### **Vryheid**

African Horse sickness – more than 20 horses died. Reported by farmers

## **Eastern Cape**

### **Port Alfred**

Biliary – 2 Bathurst

### **Somerset East**

Heartwater - 1

## **Western Cape**

### **Swellendam**

Sarcoids - 2

## **Swine**

### **Free State**

#### **Ladybrand/Excelsior**

Abortion – 2

Cold exposure - 1

## **Western Cape**

### **Wellington**

Koksidiose - 3

## **Game**

### **Mpumalanga**

#### **Karino**

Coccidiosis – Wildebeest I the boma

Snares – Rhinocerus and Elephant

### **Gauteng**

#### **Magaliesburg**

Roundworms - 3

Rabies – Jackal and dogs – 2

Redwater – Sable

#### **Muldersdrift**

Rabies – Jackals, dogs

#### **Pretoria -A nimavet**

Intestinal roundworms - 3

Brown ear-tick – 3

Coccidiosis – 2

Copper poisoning - 1

Lameness - 2

Diarrhoea - 2

### **Limpopo**

#### **Alldays**

Wireworm – Sable (between Alldays and Maasstroom)

Tapeworms – Impala (between Alldays and Platjan)

Malignant odema (*Clostridium novyi*) – Buffalo (between Dendron and Vivo)

#### **Makhado**

Wireworm – 2

Coccidia - 3

#### **Mokopane**

Blue ticks - 1

Heartwater tick – 2

Brown ear-ticks - 1

Bont-legged ticks – 1

Blowflies – 1

Screw-worm – 2

Capture myopathy - 1

### **North West**

#### **Klerksdorp**

Intestinal roundworms – 3

Blue ticks – 3

Bont-legged ticks – 2

African red water – 1 Sable

*E.coli* – 3 – 1 Golden wildebeest

Lungs – 2

#### **Lichtenburg**

Blue ticks – 3

Capture myopathy – 2

Rabies – 1 Jackal

### **Stella**

Tapeworms – 3

Nuisance flies - 3

## **KwaZulu-Natal**

### **Pongola**

Heartwater tick – 2

Brown ear-tick – 2

Heartwater – 2

### **Ulundi**

Blue ticks – a young giraffe calf (1 month) died acutely, very pale muscles and anaemic together with high blue tick burden. Small game farm (200 ha) and the late rains in the area mean the tick numbers on this farm are difficult to control on the game

## **Eastern Cape**

### **Witelsbos**

Tapeworms – 2 Wildebeest heifers farmed intensively

Mange mites – 1 Sable heifer

Dermatophilosis – 1 Sable heifer

Coccidiosis – Blue wildebeest heifer kept intensive

### **Port Alfred**

Coccidiosis – Buffalo - 2 severe cass; 1 Bushbuck (Alexandria)

## **Western Cape**

### **Beaufort West**

Blood gut – Impala, poor body condition and under a lot of stress in the boma. Animals not vaccinated.

## **Northern Cape**

### **Kimberley**

Blackquarter – 1 Buffalo (Clostridium chauvoei confirmed)

Sable – 3 Verminosis (Wireworm)

Roan – 2 Theileriosis

Sable – 1 Duiker head in mouth

Sable – 2 Fractures

Nyala – 1 Fracture

Wild dog – 1 Fracture

Letchwe – 1 Emphysema secondary to thoracic trauma

**Monthly report on Livestock and Wildlife isolations for May 2016 from  
Vetdiagnostix –Microbiology Laboratory, supplied by dr. Marijke Henton  
([henton@vetdx.co.za](mailto:henton@vetdx.co.za))**

## Laboratory report

Bovine abortions were due to rather varied bacterial causes during the month, *Brucella abortus* [2], *Campylobacter fetus* [2] and *Histophilus somni* [1].

Respiratory disease in cattle yielded *Pasteurella multocida* [11], *Mycoplasma* [9], *Mannheimia haemolytica* and *Histophilus somni* [6 each], two of *Trueperella pyogenes*, and one each of *Mannheimia* biovar 8C and *Streptococcus suis*.

Regarding other cattle conditions; abscesses yielded *T. pyogenes* twice, septicaemia *Salmonella* Dublin, enteritis *E. coli*, keratoconjunctivitis yielded *Moraxella bovoculi*, and mastitis *Staphylococcus aureus*, *Streptococcus uberis* and *E. coli*.

Enteritis in sheep was associated with *E. coli* [2] and *Clostridium perfringens*, pneumonia with *Pasteurella multocida*, and an abscess with *Streptococcus dysgalactiae [equisimilis]*. An abscess in a goat yielded both *T. pyogenes* and *Corynebacterium pseudotuberculosis*. This combination is very rarely encountered, as abscessation in ruminants is usually caused by a single aerobic bacterium.

Septicaemia in pigs was caused by *E. coli* twice, and *Salmonella salamae* once.

*Streptococcus zooepidemicus* caused cystitis, bronchial infection and sinusitis in horses. Another case of equine respiratory infection was caused by *Actinobacillus equuli*. A chronic bite wound on the hock yielded *Actinomyces*.

The only significant wildlife isolate was *Clostridium novyi* in a sable.

## Monthly report on Livestock and Wildlife isolations for May 2016 from IDEXX Laboratories supplied by dr. Liza du Plessis ([Liza-DuPlessis@idexx.com](mailto:Liza-DuPlessis@idexx.com))

Condition	Comments and Specie
Brown ear-tick	E 1
Red-legged tick	E 1
Theileriosis	G 2
Pulpy kidney	G 1
<i>E. coli</i>	G 1
Coccidiosis	G 1
Rabies	G 1
Selenium deficiency	G 1
Abortion	G 2
Lungs	G 1
Diarrhoea	G 2
Trauma	G 1

## Feedlot report received from Dr. Shaun Morris and Dr. Eben du Preez for May 2016 ([edupreez1@telkomsa.net](mailto:edupreez1@telkomsa.net))

### Sheep feedlots:

Blue tongue, resistant wireworm infestations, a few pulpy kidney and eye infections occurred in numerous sheep feedlots.

*E. coli* caused deaths in lambs approximately 2 weeks old. The lambs were healthy and strong at birth but started with a diarrhoea at about two weeks of age and in spite of treatment with different antimicrobials only a few survived. Those lambs that survived had retarded growth and it took them much longer to reach a marketable condition.

During the period when the kraals were wet after rains fell, lung conditions occurred. Foot abscesses occurred in kraals which stayed wet for longer periods.

Lambs arriving at feedlots in a poor condition, took a long time to adapt and numerous of these lambs lost condition and died or developed nutritional related problems and died as a result thereof.

### Cattle feedlots:

Three day stiff sickness also occurred earlier in the month. The severe cases recovered soon after treatment. The less severe cases recovered without treatment.

Blackquarter, anaplasmosis and red water caused mortalities in numerous feedlots. The hair of calves had grown longer due to winter conditions setting in and many calves harboured immature tick stages on their skin without farmers recognizing them.

Eye infections and warts occurred sporadically but ringworm infections were abundant.

The changing of the seasons accompanied with fluctuation in temperature contributed to the increase in pneumonia in calves. It was especially the lighter weight calves that became diseased and died. Animals that were not treated in time, developed a chronic pneumonia with abscess formation and deaths at a later stage, especially when cold fronts developed. When samples were analyzed it was found that *Pasteurella multocida* and *Histophilus somni* were often the pathogens causing the disease. A planned prophylactic immunization programme helps to keep diseases at bay.

Drs Shaun Morris en Eben du Preez.

## Feedlot report received from Dr. Andy Hentzen for May 2016 ([andyvet@mweb.co.za](mailto:andyvet@mweb.co.za))

Condition	Comments and Specie
Blue ticks	B 3



Resistant blue ticks	B 2
Bont ticks	B 1
Brown ear-ticks	B 3
Bont-legged ticks	B 2
Red-legged ticks	B 3
Nuisance flies	B 3
Blowflies	B 1
Midges	B 2
African red water	B 3
Asiatic red water	B 3
Anaplasmosis	B 3
Heartwater	B 1
Trichomonosis	B 1
Blackleg	B 2
Red gut	B 3
Ringworm	B 3
Leptospirosis	B 1
<i>E. coli</i>	B 2
BVD	B 3
IBR	B 3
EBL	B 1
Warts	B 3
Water contamination	B 3
Urea poisoning	B 1
Protein deficiency	B 3
Energy deficiency	B 3
Phosphate deficiency	B 2
Copper deficiency	B 2
Zinc deficiency	B 2
Selenium deficiency	B 2
Vitamin A deficiency	B 2
Combination of trace mineral deficiencies	B 3
Abortions	B 1
Poor conception	B 3

**Monthly report for May 2016 from Dr R D Last (BVSc; M.Med.Vet(Path);  
MRCVS)  
Specialist Veterinary Pathologist, Vetdiagnostix - Veterinary Pathology Services**

Contributors

Mr Butch Bosch  
Ms Ntando Magoso  
Mrs Beverley Williams

Ms Nicole Gengan  
Dr Rick Last

WILDLIFE DISEASE SURVEILANCE			
WILDLIFE SPECIES	DISEASE AGENT	NO. CASES	LOCATION
Blesbok	Mycotic rumenitis	1	Nottingham Road, KZN
Nyala bull	Rumenitis with endotoxaemia	1	Northern Zululand
Sable antelope cow	Malignant oedema	1	Swartwater, Limpopo
Buffalo cow	Cholangiocellular carcinoma	1	Polokwane, Limpopo
Buffalo cow	Malignant oedema ( <i>Clostridium novyi</i> )	1	Soutpansberg, Limpopo

LIVESTOCK DISEASE SURVEILANCE			
LIVESTOCK SPECIES	DISEASE AGENT	NO. CASES	LOCATION
Bovine, Dairy cows	Kikuyu poisoning	2	Howick, KZN

### Monthly report for May 2016 from Dr. Lucy Lange: PathCare Vetlab

([lange@pathcare.co.za](mailto:lange@pathcare.co.za))

Disease condition	Specie	District	Comment
<b>Pneumonia/Pasteurella</b>	<b>Cattle</b>	<b>Free State/Eastern Cape</b>	
<b>Campylobacter</b>	<b>Cattle</b>	<b>Country wide</b>	<b>Confirme with PCR</b>
<b>Tritrichomonas</b>	<b>Cattle</b>	<b>Country wide</b>	<b>Confirmed with PCR</b>
<b>Seneciosis</b>	<b>Cattle</b>	<b>Free State</b>	
<b>Cardiomyopathy</b>	<b>Cattle</b>	<b>North West</b>	
<b>Ketosis</b>	<b>Cattle</b>	<b>Boland</b>	
<b>Liver necrosis</b>	<b>Cattle</b>	<b>Eastern Cape, Boland</b>	<b>Many cases</b>
<b>Cestrum (inkberry)</b>	<b>Cattle</b>	<b>Free State</b>	
<b>Muscle necrosis</b>	<b>Cattle</b>	<b>Western Cape</b>	
<b>BMC (Snotsiekte)</b>	<b>Cattle</b>	<b>Eastern Cape</b>	
<b>Heartwater</b>	<b>Cattle</b>	<b>Free State</b>	
<b>Brucellosis</b>	<b>Cattle</b>	<b>Country wide</b>	<b>Huge problem country wide</b>
<b>Neonatal Babesiosis</b>	<b>Equines</b>	<b>Boland</b>	

Sarcoid	Equines	Country wide	
Parasitic granulomatous skin	Equines	Western and Eastern Cape	
Allergic dermatitis (parasites)	Equines	Eastern Cape Oos-Kaap	
Septicaemia	Sheep	Country wide	
<i>Cryptosporidium</i>	Sheep	Free State	
Myocarditis	Sheep	Western Cape	
<i>Pasteurella pneumonia</i>	Sheep	Country wide	
Liver necrosis (plants)	Sheep	Eastern Cape, Free State	Many cases
Hypoproteinaemia	Sheep	Country wide	
Johne's disease	Sheep	Western Cape	
Brucellosis	Sheep	Country wide	Getting more positive cases
Pulpy kidney	Boer goats	Western Cape	
Bacterial pneumonia	Boer goats	Free State	
Muscle necrosis/Capture myopathy	Nyala, Sable, Bontbok, Blesbok	Namibia/Western Cape Kaap	
Myocarditis and fibrosis	Sable, Roan, Busbuck, Buffalo, Wildebeest, Springbok, Bontebok	Country wide	Many of these cases are sub-acute with fibrosis
Allergic and Bacterial dermatitis	Lion	Free State	
Sweat gland carcinoma	Lion	Namiba	Spread throughout the body
Inhalation pneumonia	Sable	Kimberley	
Theileriosis	Sable, Roan	Kimberley and Bloemfontein	
Oxalate nephropathy	Cheetah	Eastern Cape Oos-Kaap	
Worms	Show birds	Western Cape	

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**Monthly report for April 2016 from Queenstown Provincial Veterinary Laboratory as supplied by Dr. A.D. Fisher ([alan.fisher@drdar.gov.za](mailto:alan.fisher@drdar.gov.za))**

Condition	Area	Comments and Specie
Intestinal roundworms		B,O, Avian
Liver fluke		B,O 3
Reg-legged ticks		O 2
Paralysis ticks	Lady Frere	O 2
Sheep scab		O 1
Coccidiosis		O 3, Avian
Asiatic red water	Queenstown	B 1
Heartwater	Cathcart, Cofimvaba	O2
Blue tongue	Cofimvaba	O 1
Black leg		B 1
Bovine Malignant Catahhr	Sterkstroom	B 1 (Wildebeest associated)
Rabies	Tsolo	Canine
	Port St Johns	
	Mt. Fletcher	Bovine case
	Ngcobo	Caprine
	Mqanduli	Ovine
Jaagsiekte	Whittlesea	O 2
Cold exposure		P 1

B – bovine; O – ovine; C – caprine; P – pigs; G – game

1 = one case; 2 = 2 to 9 cases; 3 = more than 10 cases

**Monthly report for April 2016 from Deltamune laboratory Oudtshoorn as supplied by Dr. Mark Chimes ([mark@deltamune.co.za](mailto:mark@deltamune.co.za))**

Disease condition	Specie
Mastitis	B 3 Nationwide
Trichomonosis	B 2 Queenstown
Vibriosis	B2 Queenstown

B – bovine; 2 = 2 to 9 cases; 3 = more than 10 cases

**Wildlife Pathology Research Programme – National Zoological Gardens.  
Information supplied by Dr. Emily Lane ([Emily@nzg.ac.za](mailto:Emily@nzg.ac.za))**

**22<sup>nd</sup> April 2016 to 19 th May 2016**

**WILDLIFE PATHOLOGY RESEARCH PROGRAMME  
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and Botanic Gardens (PAAZAB)

PMSDate	Species	Final	PM No
01-Mar-16	Impala	Fractured neck	16Z064
01-Mar-16	Lion	Parvo virus infection	16Z059
01-Mar-16	Serval	Aspiration pneumonia	16Z060
01-Mar-16	Serval	Killed by lions	16Z061
01-Mar-16	Greater Kudu	Disease surveillance	16Z062
01-Mar-16	African Buffalo	Fractured thoracic vertebrae	16Z063
08-Mar-16	Blue Duiker	Suspected malignant catarrhal fever	16Z065
09-Mar-16	Chacma baboon	Healthy (problem) animal	16Z066
10-Mar-16	Blue Duiker	Suspected malignant catarrhal fever	16Z067
10-Mar-16	Ovambo Sparrowhawk	Blunt trauma	16Z068
14-Mar-16	Cheetah	Feline panleukopaenic virus infection	16Z069
29-Mar-16	Arabian Oryx	None possible (no lesions)	16Z070
30-Mar-16	Rock Dassie	Suspected encephalomyocarditis virus infection	16Z071
30-Mar-16	Taiwan Beauty Ratsnake	None possible (no lesions)	16Z072
05-Apr-16	Sungazer	Suspected complications of atherosclerosis	16Z073
05-Apr-16	Hedgehog	None possible (autolysis)	16Z074
08-Apr-16	Leopard tortoise	Traumatic leg injury, hepatitis	16Z076
08-Apr-16	Lesser Bush baby	Possible pneumonia	16Z077
08-Apr-16	Hadeda Ibis	Bite wounds, fractured leg	16Z075
11-Apr-16	African Buffalo	Suspected traumatic reticulopericarditis	16Z078
12-Apr-16	Hippopotamus	Possible septicaemia	16Z079
12-Apr-16	Spotted hyaena	Suspected rodenticide poisoning	16Z080
12-Apr-16	Leopard	Complications of fracture repair	16Z081
18-Apr-16	African Buffalo	Myocardial necrosis, enterotoxaemia	16Z082
18-Apr-16	Lesser Bush baby	None possible (no histology)	16Z083
18-Apr-16	Leopard tortoise	Unknown (autolysis)	16Z084
18-Apr-16	Cheetah	Glomerulonephritis, oxalate nephrosis	16Z085
28-Apr-16	African Wild Cat	Gunshot injury	16Z091

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## DISEASE DISTRIBUTION REPORT AS REPORTED BY VETERINARIANS

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<b><u>Poisonings (Plant) and Fungal</u></b>	<a href="#">Cardiac glycoside poisoning</a> , <a href="#">Cestrum</a> , <a href="#">Cynanchum poisoning</a> , <a href="#">Facial eczema</a> , <a href="#">Geeldikkop/Dikoor</a> , <a href="#">Gifblaar</a> , <a href="#">Gousiekte</a> , <a href="#">Kikuyu poisoning</a> , <a href="#">Lantana</a> , <a href="#">Nenta poisoning (Krimpsiekte)</a> , <a href="#">Prussic acid poisoning</a> , <a href="#">Seneciosis</a> , <a href="#">Tulip Poisoning</a> , <a href="#">Vermeersiekte (Gaigeria spp.)</a> , <a href="#">Mycotoxycosis</a> , <a href="#">Other</a>
<b><u>Poisonings</u></b>	<a href="#">Urea Poisoning</a> , <a href="#">Snake Bite</a> , <a href="#">Blue-green algae</a> , <a href="#">Other</a>
<b><u>Macro Nutritional Problems</u></b>	<a href="#">Energy deficiency</a> , <a href="#">Protein deficiency</a> , <a href="#">Phosphate deficiency</a> , <a href="#">Calcium deficiency</a>
<b><u>Micro Nutritional Problems</u></b>	<a href="#">Iodine deficiency</a> , <a href="#">Copper deficiency</a> , <a href="#">Zinc deficiency</a> , <a href="#">Selenium deficiency</a> , <a href="#">Magnesium deficiency</a> , <a href="#">Vitamin A deficiency</a> , <a href="#">Vitamin B deficiency</a>
<b><u>Multi-factorial Disease Conditions</u></b>	<a href="#">Abortions</a> , <a href="#">Stillbirths</a> , <a href="#">Abscesses</a> , <a href="#">Abscesses in general</a> , <a href="#">Bladder stones</a> , <a href="#">Blindness</a> , <a href="#">Bloat</a> , <a href="#">Blue udder</a> , <a href="#">Diarrhoea</a> , <a href="#">Epididymitis</a> , <a href="#">Eye Cancer</a> , <a href="#">Eye infections</a> , <a href="#">Joint Ill</a> , <a href="#">Lameness/Foot Problems</a> , <a href="#">Lung infection</a> , <a href="#">Mastitis in general</a> , <a href="#">Navel Ill</a> , <a href="#">Redgut (Sheep)</a> , <a href="#">Trauma</a> , <a href="#">Downer</a> , <a href="#">Other</a>

<b>Metabolic Diseases</b>	<a href="#">Acidosis</a> , <a href="#">Displaced abomasum</a> , <a href="#">Ketosis</a> , <a href="#">Milk Fever</a>
<b>Reproductive diseases</b>	<a href="#">Dystocia (Difficult Births)</a> , <a href="#">Endometritis</a> , <a href="#">Metritis</a> , <a href="#">Poor conception</a> , <a href="#">Retained afterbirth</a> , <a href="#">Sheath Prolaps</a> , <a href="#">Uterus prolaps</a> , <a href="#">Vaginal (Cervical) prolaps</a>
<b>Climatical Cause</b>	<a href="#">Cold exposure</a> , <a href="#">Drought</a> , <a href="#">Lightning</a> , <a href="#">Frozen to death</a>
<b>Residues</b>	<a href="#">Drug residues</a>
<b>Non specific diseases</b>	<a href="#">Cause of death not established</a> , <a href="#">Preditors</a> , <a href="#">Sabotation - Theft</a> , <a href="#">Trauma</a>

## Internal Parasites

### Roundworms in general

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.1 (7)	2.0 (2)	3.0 (2)	2.6 (5)	1.8 (9)	2.2 (12)	2.0 (4)	2.2 (5)	

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

<b>Beef</b>	1.7 (3)			2.5 (2)		2.0 (1)	2.0 (1)		
<b>Dairy</b>						2.0 (1)			
<b>Sheep</b>	2.7 (3)	3.0 (1)	3.0 (1)	2.7 (3)	2.0 (7)	2.4 (5)	2.0 (1)	2.3 (4)	
<b>Goat</b>	2.0 (1)	1.0 (1)	3.0 (1)		1.0 (2)	2.0 (5)	2.0 (2)	2.0 (1)	

#### Mpumalanga

##### Balfour, Balfour Dierekliniek

Beef: 1, Sheep: 3

##### Lydenburg, Lydenburg Dieresprekkamer

Beef: 1

##### Standerton, Econovet

Beef: 3, Sheep: 3

##### Standerton, Standerton Dierehospitaal

Sheep: 2, Goat: 2

#### Gauteng

##### Pretoria, Anima Veterinary Consulting Rooms

Sheep: 3

##### Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Goat: 1

#### Limpopo

##### Polokwane, Pietersburg Veterinary Clinic

Sheep: 3, Goat: 3

#### North West

##### Klerksdorp, Klerksdorp Dierehospitaal

Sheep: 3

##### Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3, Sheep: 3

##### Lichtenburg, Silver Cross veterinary Herd Health

Beef: 2, Sheep: 2



## Free State

### Bethlehem, Freestate Bethlehem SV

Sheep: 1, Goat: 1

### Bothaville, Cape Cross Bothaville Veterinary Hospital

Sheep: 2

### Clocolan, Clocolan Dierekliniek

Sheep: 3

### Kroonstad, Kroonstad Dierehospitaal

Sheep: 2, Goat: 1

### Ladybrand, Ladybrand / Excelsior Dierekliniek

Sheep: 2

### Viljoenskroon, Viljoenskroon Dierekliniek

Sheep: 3

### Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 1

## Kwazulu-Natal

### Bergville, Tugela Vet Clinic

Sheep: 2, Goat: 2

### Estcourt, Estcourt Vet Clinic

Goat: 2

### Howick, Howick Veterinary Clinic

Dairy: 2, Sheep: 3

### Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

### Ulundi, Dr. Ben Muller CCS Vet

Goat: 2

### Underberg, Underberg Veterinary Surgery

Sheep: 2, Goat: 2

### Underberg, Waterford Farm, Underberg

Sheep: 3

Many mortalities are due to ineffective dosing

### Vryheid, Dr GH Theron

Sheep: 2

## Eastern Cape

### Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 2

### Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2, Goat: 2

### Witelsbos, Witelsbos Veterinary Consulting Rooms

Beef: 2

Sables

## Western Cape

### Beaufort West, Beaufort West State Vet

Sheep: 2

Two farms with low roundworm FEC (faecal egg count)

### Malmesbury, Bergzicht Dierehospitaal

Sheep: 3

### Oudtshoorn, Oudtshoorn Dierekliniek

Sheep: 2

### Riversdale, Riversdal Dierekliniek

Goat: 2

### Swellendam, Swellendam Dierehospitaal

Sheep: 2

## Resistant Round Worms



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>	2.0 (1)	2.0 (1)		3.0 (1)	1.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

<b>Sheep</b>	2.0 (1)	2.0 (1)		3.0 (1)	1.0 (1)
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#### Mpumalanga

##### Volksrust, Cape Cross Volksrust Dierehospitaal

Sheep: 2

#### Gauteng

##### Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

#### Free State

##### Clocolan, Clocolan Dierekliniek

Sheep: 3

#### Kwazulu-Natal

##### Bergville, Tugela Vet Clinic

Sheep: 1

### Wireworm

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (2)			2.0 (1)	2.0 (6)	1.8 (5)	2.0 (1)	1.5 (2)	3.0 (1)

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

<b>Sheep</b>	1.0 (2)				2.0 (6)	2.0 (3)	2.0 (1)	1.0 (1)	3.0 (1)
<b>Goat</b>				2.0 (1)		1.5 (2)		2.0 (1)	

#### Mpumalanga

##### Bethal, Bethal Dierekliniek

Sheep: 1

##### Ermelo, Môregloed Veterinêre Spreekkamer

Sheep: 1

#### North West

##### Brits, Brits Dierekliniek

Goat: 2

#### Free State

##### Clocolan, Clocolan Dierekliniek

Sheep: 3

##### Frankfort, Frankfort Dierekliniek

Sheep: 2

##### Hertzogville, Hertzogville Dierekliniek

Sheep: 3

##### Reitz, Riemland Dierehospitaal

Sheep: 2

##### Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 1

##### Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

**Kwazulu-Natal****Dundee, Endumeni Herd health**

Sheep: 1, Goat: 1

**Estcourt, Estcourt Vet Clinic**

Sheep: 2, Goat: 2

**Howick, Howick Veterinary Clinic**

Sheep: 3

**Eastern Cape****Port Alfred, Port Alfred Veterinary Clinic**

Sheep: 2

Two cases - Bathurst

**Western Cape****Riversdale, Riversdal Dierekliniek**

Goat: 2

**Stellenbosch, Stellenbosch Animal Hospital**

Sheep: 1

**Northern Cape****Colesberg, Karoo Veterinary Hospital**

Sheep: 3

**Brown stomach-worm**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>						2.0 (1)	2.0 (1)	2.5 (2)	

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

<b>Sheep</b>						2.0 (1)		2.5 (2)	
<b>Goat</b>							2.0 (1)		

**Kwazulu-Natal****Kokstad, E.G.Veterinary Services**

Sheep: 2

**Eastern Cape****Graaff-Reinet, Camdeboo Veterinary Clinic**

Goat: 2

**Western Cape****Heidelberg (WC), Heidelberg Dierekliniek**

Sheep: 2

**Wellington, Wellington Dierhospitaal**

Sheep: 3

**Tape Worms**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.7 (3)	2.5 (2)	1.0 (1)		2.3 (4)	2.0 (1)		1.0 (1)	

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

<b>Beef</b>	2.0 (1)	2.0 (1)			3.0 (1)			1.0 (1)	
<b>Sheep</b>	1.5 (2)	3.0 (1)	1.0 (1)		2.0	2.0 (1)			

(3)

**Mpumalanga****Nelspruit, Nelspruit Animal Hospital**

Sheep: 1

**Standerton, Econovet**

Beef: 2, Sheep: 2

**Gauteng****Krugersdorp, Veearts Netwerk**

Beef: 2

**Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 3

**Limpopo****Polokwane, Pietersburg Veterinary Clinic**

Sheep: 1

**Free State****Clocolan, Clocolan Dierekliniek**

Beef: 3, Sheep: 3

**Reitz, Riemland Dierehospitaal**

Sheep: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 1

**Kwazulu-Natal****Underberg, Underberg Veterinary Surgery**

Sheep: 2

**Western Cape****Stellenbosch, Stellenbosch Animal Hospital**

Beef: 1

**Parafilaria**[^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>						2.0 (1)			

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

<b>Beef</b>						2.0 (1)			
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**Kwazulu-Natal****Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Liver fluke**[^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.4 (7)	1.0 (1)		1.0 (1)	1.0 (2)	2.7 (6)		1.4 (5)	

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

<b>Beef</b>	1.4 (5)	1.0 (1)		1.0 (1)		2.3 (3)		1.0 (2)	
<b>Dairy</b>						3.0 (3)		2.0 (2)	
<b>Sheep</b>	1.5 (2)				1.0			1.0 (1)	

(2)

**Mpumalanga****Balfour, Balfour Dierekliniek**

Beef: 2

**Grootvlei, Grootvlei Dierekliniek**

Beef: 1

**Middelburg, Middelburg Dierehospitaal**

Beef: 1

**Standerton, Standerton Dierehospitaal**

Beef: 2, Sheep: 2

**Volksrust, Cape Cross Volksrust Dierehospitaal**

Beef: 1, Sheep: 1

**Gauteng****Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 1

**North West****Brits, Brits Dierekliniek**

Beef: 1

**Free State****Bothaville, Cape Cross Bothaville Veterinary Hospital**

Sheep: 1

Owner has a pan on farm – intermediate hosts, snails

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 1

**Kwazulu-Natal****Estcourt, Estcourt Vet Clinic**

Dairy: 3

**Howick, Howick Veterinary Clinic**

Beef: 3, Dairy: 3

**Ulundi, Dr. Ben Muller CCS Vet**

Beef: 1

**Underberg, Underberg Veterinary Surgery**

Beef: 3, Dairy: 3

**Western Cape****Heidelberg (WC), Heidelberg Dierekliniek**

Dairy: 2

**Riversdale, Riversdal Dierekliniek**

Dairy: 2

**Stellenbosch, Stellenbosch Animal Hospital**

Beef: 1

**Wellington, Wellington Dierehospitaal**

Beef: 1, Sheep: 1

**Conical Flukes**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)			1.0 (1)	1.8 (8)	3.0 (3)		1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	1.5 (2)			1.0 (1)	2.0 (5)	3.0 (1)			
<b>Dairy</b>						3.0 (1)		1.0 (1)	
<b>Sheep</b>					1.3	3.0 (1)			

(3)

**Mpumalanga****Balfour, Balfour Dierekliniek**

Beef: 2

**Standerton, Econovet**

Beef: 1

**North West****Lichtenburg, Dr CM Kruger-Rall**

Beef: 1

**Free State****Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 2

Bulls drinking water and grazing around a dam were infected with conical fluke.

**Clocolan, Clocolan Dierekliniek**

Beef: 2

**Frankfort, Frankfort Dierekliniek**

Beef: 3

**Ladybrand, Ladybrand / Excelsior Dierekliniek**

Sheep: 1

**Reitz, Riemland Dierehospitaal**

Beef: 1

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 1

**Vrede, Vrede Dierehospitaal**

Beef: 2, Sheep: 2

**Kwazulu-Natal****Howick, Howick Veterinary Clinic**

Beef: 3, Dairy: 3

**Kokstad, E.G.Veterinary Services**

Sheep: 3

**Western Cape****Swellendam, Swellendam Dierehospitaal**

Dairy: 1

**Cysticercosis**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	3.0 (1)				1.0 (1)	2.0 (1)			

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

<b>Beef</b>	3.0 (1)				1.0 (1)	2.0 (1)			
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**Mpumalanga****Nelspruit, Nelspruit Animal Hospital**

Beef: 3

Abattoir inspections

**Free State****Wesselsbron, Wesselsbron Dierekliniek**

Beef: 1

**Kwazulu-Natal****Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 2

## Other [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>					2.0 (3)				
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

<b>Sheep</b>					2.0 (3)				
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<b>Free State</b>									
<b>Harrismith, Harrismith Dierehospitaal</b>									
Sheep: 1									
Cryptosporidiosis									
<b>Kroonstad, Kroonstad Dierehospitaal</b>									
Sheep: 3									
Cryptosporidiosis									
<b>Winburg, Winburg Dierekliniek</b>									
Sheep: 2									
Cryptosporidiosis									

## External Parasites

### Blue ticks [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>	2.7 (9)		1.5 (2)	3.0 (6)	2.7 (12)	2.5 (11)	2.3 (3)	2.0 (3)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

<b>Beef</b>	2.6 (8)		1.5 (2)	3.0 (5)	2.6 (11)	2.4 (9)	2.3 (3)	1.0 (1)	
<b>Dairy</b>						3.0 (2)		3.0 (1)	
<b>Sheep</b>	3.0 (1)			3.0 (1)	3.0 (1)			2.0 (1)	

<b>Mpumalanga</b>									
<b>Balfour, Balfour Dierekliniek</b>									
Beef: 3									
<b>Bethal, Bethal Dierekliniek</b>									
Beef: 3									
<b>Lydenburg, Lydenburg Dieresprekkamer</b>									
Beef: 2									
<b>Middelburg, Middelburg Dierehospitaal</b>									
Beef: 2									
<b>Nelspruit, Nelspruit Animal Hospital</b>									
Beef: 2									
<b>Standerton, Econovet</b>									
Beef: 3									
<b>Standerton, Standerton Dierehospitaal</b>									
Beef: 3, Sheep: 3									

**Volksrust, Cape Cross Volksrust Dierehospitaal**

Beef: 3

**Limpopo****Mokopane, Dr Henk Visser**

Beef: 1

**Polokwane, Pietersburg Veterinary Clinic**

Beef: 2

**North West****Klerksdorp, Klerksdorp Dierehospitaal**

Beef: 3, Sheep: 3

**Lichtenburg, Dr CM Kruger-Rall**

Beef: 3

**Lichtenburg, Silver Cross veterinary Herd Health**

Beef: 3

**Stella, Stella Dierekliniek**

Beef: 3

**Vryburg, Vryburg Dierehospitaal**

Beef: 3

**Free State****Frankfort, Frankfort Dierekliniek**

Beef: 3

**Harrismith, Harrismith Dierehospitaal**

Beef: 2

**Hoopstad, Hoopstad Dierekliniek**

Beef: 3, Sheep: 3

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 3

**Ladybrand, Ladybrand / Excelsior Dierekliniek**

Beef: 3

**Memel, Memel Veterinary Clinic**

Beef: 3

**Reitz, Riemland Dierehospitaal**

Beef: 2

**Viljoenskroon, Viljoenskroon Dierekliniek**

Beef: 3

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2

**Vrede, Saulshoek Dieredpraktyk**

Beef: 3

**Vrede, Vrede Dierehospitaal**

Beef: 2

**Kwazulu-Natal****Bergville, Bergville Veterinary Clinic**

Beef: 3

**Bergville, Tugela Vet Clinic**

Beef: 2

**Dundee, Endumeni Herd health**

Beef: 2

**Howick, Howick Veterinary Clinic**

Beef: 3, Dairy: 3

**Ingogo, Gen XY Stud Beef Consultancy**

Beef: 2

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 3

Late summer, no frost yet

**Underberg, Underberg Veterinary Surgery**

Beef: 3, Dairy: 3

**Vryheid, Dr GH Theron**



Beef: 2

### Eastern Cape

**Graaff-Reinet, Graaff Reinet Veterinary Clinic**

Beef: 2

**Somerset East, Bosberg Veterinary Clinic**

Beef: 3

**Stutterheim, Stutterheim Veterinary Clinic**

Beef: 2

Blue tick surge

### Western Cape

**Heidelberg (WC), Heidelberg Dierekliniek**

Dairy: 3, Sheep: 2

**Oudtshoorn, Oudtshoorn Dierekliniek**

Beef: 1

## Resistant blue Ticks

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (1)				2.0 (1)	2.5 (2)			

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

<b>Beef</b>	2.0 (1)				2.0 (1)	2.5 (2)			
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### Mpumalanga

**Nelspruit, Nelspruit Animal Hospital**

Beef: 2

### Free State

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2

### Kwazulu-Natal

**Bergville, Bergville Veterinary Clinic**

Beef: 2

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 3

## Heartwater (Bont) ticks

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (2)	2.0 (1)	2.5 (6)	2.5 (2)	2.0 (1)	1.9 (14)			

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

<b>Beef</b>	2.0 (2)		2.5 (2)	2.5 (2)	2.0 (1)	1.8 (5)			
<b>Sheep</b>		2.0 (1)	2.5 (2)			2.0 (4)			
<b>Goat</b>			2.5 (2)			2.0 (5)			

### Mpumalanga

**Lydenburg, Lydenburg Dieresprekkamer**

Beef: 2

**Nelspruit, Nelspruit Animal Hospital**

Beef: 2

**Gauteng****Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 2

**Limpopo****Mokopane, Dr Henk Visser**

Beef: 2, Sheep: 2, Goat: 2

**Polokwane, Pietersburg Veterinary Clinic**

Beef: 3, Sheep: 3, Goat: 3

**North West****Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 3

**Vryburg, Vryburg Dierehospitaal**

Beef: 2

**Free State****Hoopstad, Hoopstad Dierekliniek**

Beef: 2

**Kwazulu-Natal****Bergville, Bergville Veterinary Clinic**

Beef: 1

**Dundee, Endumeni Herd health**

Beef: 2, Sheep: 2, Goat: 2

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2, Goat: 2

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 2, Sheep: 2, Goat: 2

**Pongola, Pongola Animal Clinic**

Beef: 2, Sheep: 2, Goat: 2

**Vryheid, Dr GH Theron**

Sheep: 2, Goat: 2

**Brown ear-ticks**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		2.0 (2)	1.3 (3)		2.0 (1)	2.5 (6)			

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

<b>Beef</b>		2.0 (2)	1.5 (2)		2.0 (1)	2.4 (5)			
<b>Dairy</b>						3.0 (1)			
<b>Sheep</b>			1.0 (1)						

**Gauteng****Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 1

**Pretoria, Anima Veterinary Consulting Rooms**

Beef: 3

**Limpopo****Mokopane, Dr Henk Visser**

Beef: 1, Sheep: 1

**Polokwane, Pietersburg Veterinary Clinic**

Beef: 2

**Free State**

**Vrede, Vrede Dierehospitaal**

Beef: 2

**Kwazulu-Natal****Bergville, Bergville Veterinary Clinic**

Beef: 2

**Dundee, Endumeni Herd health**

Beef: 3

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 3

**Pongola, Pongola Animal Clinic**

Beef: 2

**Underberg, Underberg Veterinary Surgery**

Dairy: 3

**Bont-legged ticks**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	3.0 (2)		1.7 (3)	2.3 (6)	2.4 (8)	3.0 (1)	3.0 (1)		

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

<b>Beef</b>	3.0 (1)		1.5 (2)	2.4 (5)	2.3 (7)	3.0 (1)	3.0 (1)		
<b>Sheep</b>	3.0 (1)		2.0 (1)	2.0 (1)	3.0 (1)				

**Mpumalanga****Standerton, Standerton Dierehospitaal**

Beef: 3, Sheep: 3

**Limpopo****Mokopane, Dr Henk Visser**

Beef: 1

**Polokwane, Pietersburg Veterinary Clinic**

Beef: 2, Sheep: 2

**North West****Christiana, Christiana Dierehospitaal**

Beef: 3

**Klerksdorp, Klerksdorp Dierehospitaal**

Beef: 2, Sheep: 2

**Leeudoringstad, Leeudoringstad Dierkliniek**

Beef: 3

**Lichtenburg, Silver Cross veterinary Herd Health**

Beef: 1

**Vryburg, Vryburg Dierehospitaal**

Beef: 3

**Free State****Bultfontein, Greylingrust Dierespreekkamer**

Beef: 2

**Hoopstad, Hoopstad Dierkliniek**

Beef: 3, Sheep: 3

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 3

**Ladybrand, Ladybrand / Excelsior Dierkliniek**

Beef: 3

**Memel, Memel Veterinary Clinic**

Beef: 2

**Vrede, Vrede Dierehospitaal**

Beef: 1

**Winburg, Winburg Dierekliniek**

Beef: 2

**Kwazulu-Natal**

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 3

**Eastern Cape**

**Bathurst, Dr Jane Pistorius**

Beef: 3

**Red-legged ticks**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				2.5 (2)	2.9 (8)	2.5 (4)		1.0 (2)	

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

<b>Beef</b>				3.0 (1)	2.8 (6)	2.0 (2)		1.0 (1)	
<b>Dairy</b>						3.0 (2)			
<b>Sheep</b>				2.0 (1)	3.0 (2)			1.0 (1)	

**North West**

**Christiana, Christiana Dierehospitaal**

Beef: 3

**Leeudoringstad, Leeudoringstad Dierekliniek**

Sheep: 2

**Free State**

**Hoopstad, Hoopstad Dierekliniek**

Beef: 3, Sheep: 3

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 3, Sheep: 3

**Ladybrand, Ladybrand / Excelsior Dierekliniek**

Beef: 3

**Memel, Memel Veterinary Clinic**

Beef: 3

**Vrede, Saulshoek Dierepraktyk**

Beef: 3

**Vrede, Vrede Dierehospitaal**

Beef: 2

**Kwazulu-Natal**

**Howick, Howick Veterinary Clinic**

Beef: 3, Dairy: 3

**Pongola, Pongola Animal Clinic**

Beef: 1

**Underberg, Underberg Veterinary Surgery**

Dairy: 3

**Western Cape**

**Beaufort West, Beaufort West State Vet**

Sheep: 1

One farm having problems with *Rhipicephalus evertsi* (red-legged tick) - causing lameness

**Oudtshoorn, Ostrimed**

Beef: 1

Paralysis ticks									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>							1.7 (3)	1.0 (1)	2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Sheep</b>							2.0 (2)		2.0 (1)
<b>Goat</b>							1.0 (1)	1.0 (1)	

**Eastern Cape**

**Aliwal North, Hertzogbrug Dierekliniek**

Sheep: 2

**Graaff-Reinet, Camdeboo Veterinary Clinic**

Goat: 1

**Graaff-Reinet, Graaff Reinet Veterinary Clinic**

Sheep: 2

**Western Cape**

**Swellendam, Swellendam Dierehospitaal**

Goat: 1

**Northern Cape**

**De Aar, De Aar Veterinary Clinic**

Sheep: 2

Two positive flocks (Middelburg and Richmond areas)

Biting lice (red lice)									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (2)			2.0 (1)	1.7 (3)		2.0 (1)	2.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>				2.0 (1)	3.0 (1)				
<b>Sheep</b>	2.0 (1)				1.0 (1)			2.0 (2)	
<b>Goat</b>	2.0 (1)				1.0 (1)		2.0 (1)		

**Mpumalanga**

**Balfour, Balfour Dierekliniek**

Sheep: 2, Goat: 2

**North West**

**Vryburg, Vryburg Dierehospitaal**

Beef: 2

**Free State**

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 3

**Villiers, Wilgepoort Direkliniek Vennootskap**

Sheep: 1

**Wesselsbron, Wesselsbron Direkliniek**

Goat: 1

**Eastern Cape****Graaff-Reinet, Graaff Reinet Veterinary Clinic**

Goat: 2

**Western Cape****Beaufort West, Beaufort West State Vet**

Sheep: 3

Infestations on several farms with 20% plus animals being affected

**Heidelberg (WC), Heidelberg Direkliniek**

Sheep: 1

**Sucking lice (blue lice)**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					2.5 (2)				

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

<b>Beef</b>					2.5 (2)				
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**Free State****Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 2

Mostly bulls

**Memel, Memel Veterinary Clinic**

Beef: 3

**Scab mites**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (2)				1.7 (3)	3.0 (1)	1.0 (1)		

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

<b>Sheep</b>	1.0 (2)				1.7 (3)	3.0 (1)	1.0 (1)		
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**Mpumalanga****Balfour, Balfour Direkliniek**

Sheep: 1

One flock

**Standerton, Econovet**

Sheep: 1

**Free State****Bethlehem, Freestate Bethlehem SV**

Sheep: 1

**Frankfort, Frankfort Direkliniek**

Sheep: 1

**Smithfield, Freestate Smithfield SV**

Sheep: 3

**Kwazulu-Natal**

**Kokstad, E.G.Veterinary Services**

Sheep: 3

**Eastern Cape**

**Graaff-Reinet, Graaff Reinet Veterinary Clinic**

Sheep: 1

**Mange Mites**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>			1.0 (1)						
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

<b>Goat</b>			1.0 (1)						
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**Limpopo**

**Polokwane, Pietersburg Veterinary Clinic**

Goat: 1

**Nuisance Flies**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>					3.0 (1)	2.7 (3)	3.0 (1)	1.8 (8)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

<b>Beef</b>					3.0 (1)	2.0 (1)	3.0 (1)	1.7 (3)	
<b>Dairy</b>						3.0 (2)		1.0 (1)	
<b>Sheep</b>								2.0 (2)	
<b>Goat</b>								2.0 (2)	

**Free State**

**Memel, Memel Veterinary Clinic**

Beef: 3

**Kwazulu-Natal**

**Howick, Howick Veterinary Clinic**

Dairy: 3

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Underberg, Underberg Veterinary Surgery**

Dairy: 3

**Eastern Cape**

**Bathurst, Dr Jane Pistorius**

Beef: 3

**Western Cape**

**Oudtshoorn, Ostrimed**

Beef: 2

Sporadic hot weather stimulates insect population boom.

Sheep: 2, Goat: 2

**Oudtshoorn, Oudtshoorn Dierekliniek**

Beef: 2, Sheep: 2, Goat: 2

**Stellenbosch, Stellenbosch Animal Hospital**

Beef: 1, Dairy: 1

Blowflies									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.0 (1)	1.0 (1)	2.5 (2)	2.0 (2)	1.0 (1)		1.3 (4)	

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

Beef		1.0 (1)	1.0 (1)	2.5 (2)				1.0 (1)	
Sheep	1.0 (1)				2.0 (2)	1.0 (1)		1.3 (3)	

**Mpumalanga**

**Standerton, Econovet**

Sheep: 1

**Gauteng**

**Bronkhorstspuit, Kerkstraat Dierekliniék**

Beef: 1

**Limpopo**

**Mokopane, Dr Henk Visser**

Beef: 1

**North West**

**Brits, Brits Dierekliniék**

Beef: 2

**Stella, Stella Dierekliniék**

Beef: 3

**Free State**

**Hoopstad, Hoopstad Dierekliniék**

Sheep: 3

**Memel, Memel Veterinary Clinic**

Sheep: 1

**Kwazulu-Natal**

**Bergville, Tugela Vet Clinic**

Sheep: 1

**Western Cape**

**Heidelberg (WC), Heidelberg Dierekliniék**

Sheep: 2

**Oudtshoorn, Ostrimed**

Sheep: 1

**Oudtshoorn, Oudtshoorn Dierekliniék**

Beef: 1, Sheep: 1

Screw-worm									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			2.0 (2)	2.0 (1)		1.0 (2)	2.0 (2)		

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



reported									
<b>Beef</b>		2.0 (1)	2.0 (1)		1.0 (2)	2.0 (1)			
<b>Sheep</b>		2.0 (1)				2.0 (1)			

### Limpopo

#### Mokopane, Dr Henk Visser

Beef: 2, Sheep: 2

### North West

#### Brits, Brits Dierekliniek

Beef: 2

### Kwazulu-Natal

#### Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

#### Ulundi, Dr. Ben Muller CCS Vet

Beef: 1

### Eastern Cape

#### Somerset East, Bosberg Veterinary Clinic

Beef: 2, Sheep: 2

## Nasal bot larvae

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		2.5 (2)			2.3 (3)				

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

<b>Sheep</b>		2.5 (2)			2.3 (3)				
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### Gauteng

#### Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 2

#### Pretoria, Anima Veterinary Consulting Rooms

Sheep: 3

### Free State

#### Clocolan, Clocolan Dierekliniek

Sheep: 2

#### Reitz, Riemland Dierehospitaal

Sheep: 2

#### Wesselsbron, Wesselsbron Dierekliniek

Sheep: 3

## Midges

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				3.0 (2)	2.0 (1)			1.5 (2)	

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

<b>Beef</b>				3.0	2.0			2.0 (1)	
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		(1)	(1)		
<b>Dairy</b>					1.0 (1)
<b>Sheep</b>		3.0	(1)		

#### North West

##### Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

##### Vryburg, Vryburg Dierehospitaal

Sheep: 3

#### Free State

##### Bultfontein, Greylingrust Dieresprekkamer

Beef: 2

#### Western Cape

##### Oudtshoorn, Ostrimed

Beef: 2

Sporadic hot weather stimulates insect population booms.

##### Swellendam, Swellendam Dierehospitaal

Dairy: 1

### Mosquitoes [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				3.0 (2)					

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

<b>Beef</b>				3.0 (2)					
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#### North West

##### Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

##### Vryburg, Vryburg Dierehospitaal

Beef: 3

### Tick-borne Diseases

#### African red water [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.7 (7)		1.5 (2)	1.0 (1)	2.0 (6)	2.2 (10)	2.5 (4)	2.4 (9)	

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

<b>Beef</b>	1.7 (7)		1.5 (2)	1.0 (1)	2.0 (6)	2.0 (6)	2.3 (3)	2.3 (6)	
<b>Dairy</b>						2.5 (4)	3.0 (1)	2.7 (3)	

#### Mpumalanga

##### Bethal, Bethal Dierekliniek

Beef: 1

**Ermelo, M<sup>o</sup>regloed Veterinêre Spreekkamer**

Beef: 2

**Grootvlei, Grootvlei Dierekliniek**

Beef: 2

**Lydenburg, Lydenburg Dieresprekkamer**

Beef: 1

**Middelburg , Middelburg Dierehospitaal**

Beef: 1

**Standerton, Econovet**

Beef: 2

**Standerton, Standerton Dierehospitaal**

Beef: 3

Tick numbers increased drastically from late rains. Proper frost from 23 rd of May

**Limpopo****Makhado, Blouberg Dierekliniek**

Beef: 2

**Polokwane, Pietersburg Veterinary Clinic**

Beef: 1

**North West****Klerksdorp, Klerksdorp Dierehospitaal**

Beef: 1

**Free State****Bethlehem, Bethlehem Animal Hospital**

Beef: 3

**Frankfort, Frankfort Dierekliniek**

Beef: 2

**Harrismith, Harrismith Dierehospitaal**

Beef: 2

**Reitz, Riemland Dierehospitaal**

Beef: 2

**Vrede, Saulshoek Dierepraktyk**

Beef: 2

**Vrede, Vrede Dierehospitaal**

Beef: 1

**Kwazulu-Natal****Bergville, Bergville Veterinary Clinic**

Beef: 2

**Dundee, Endumeni Herd health**

Beef: 2, Dairy: 2

**Estcourt, Estcourt Vet Clinic**

Dairy: 2

**Howick, Howick Veterinary Clinic**

Beef: 3, Dairy: 3

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 2

**Underberg, Underberg Veterinary Surgery**

Dairy: 3

**Vryheid, Dr GH Theron**

Beef: 1

**Eastern Cape****Adelaide, Adelaide Veterinary Clinic**

Beef: 3

**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 3

**Port Alfred, Port Alfred Veterinary Clinic**

Beef: 2

Two cases - Shawpark

**Somerset East, Bosberg Veterinary Clinic**

Beef: 2

**Western Cape****Caledon, Overberg Veterinary Hospital**

Beef: 2

**Darling, Darling Dierekliniek**

Beef: 3

Philadelphia

**George, George Animal Hospital**

Beef: 3

**George, George Herd Heath Consult**

Dairy: 3

**Heidelberg (WC), Heidelberg Dierekliniek**

Dairy: 2

**Malmesbury, Bergzicht Dierehospitaal**

Beef: 1

**Plettenberg Bay, Plettenberg Bay A Reitz**

Beef: 3

Red water reported by client. Six animals, 1 out of 50 animals died rest blocked with diminazene.

**Riversdale, Riversdal Dierekliniek**

Dairy: 3

**Wellington, Wellington Dierehospitaal**

Beef: 2

**Asiatic red water**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.2 (9)	1.0 (1)	2.0 (1)	2.0 (1)	2.5 (4)	2.6 (7)	2.3 (4)	2.4 (5)	

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

<b>Beef</b>	2.2 (9)	1.0 (1)	2.0 (1)	2.0 (1)	2.5 (4)	2.0 (3)	2.3 (4)	3.0 (1)	
<b>Dairy</b>						3.0 (4)		2.3 (4)	

**Mpumalanga****Balfour, Balfour Dierekliniek**

Beef: 3

**Bethal, Bethal Dierekliniek**

Beef: 2

**Ermelo, Môregloed Veterinêre Spreekkamer**

Beef: 2

**Lydenburg, Lydenburg Dieresprekkamer**

Beef: 2

**Middelburg, Middelburg Dierehospitaal**

Beef: 1

**Piet Retief, Pets Vet Hospital**

Beef: 2

**Standerton, Econovet**

Beef: 2

**Standerton, Standerton Dierehospitaal**

Beef: 3

Tick numbers increased drastically from late rains. Proper frost from 23 rd of May

**Volksrust, Cape Cross Volksrust Dierehospitaal**

Beef: 3

<b>Gauteng</b>									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Beef: 1									
<b>Limpopo</b>									
<b>Polokwane, Pietersburg Veterinary Clinic</b>									
Beef: 2									
<b>North West</b>									
<b>Magaliesburg, Magaliesburg; Dr Ryan Jeffrey</b>									
Beef: 2									
<b>Free State</b>									
<b>Bethlehem, Bethlehem Animal Hospital</b>									
Beef: 3									
<b>Frankfort, Frankfort Dierekliniek</b>									
Beef: 2									
<b>Memel, Memel Veterinary Clinic</b>									
Beef: 2									
<b>Vrede, Vrede Dierehospitaal</b>									
Beef: 3									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 1									
<b>Dundee, Endumeni Herd health</b>									
Beef: 3, Dairy: 3									
<b>Estcourt, Estcourt Vet Clinic</b>									
Dairy: 3									
<b>Howick, Howick Veterinary Clinic</b>									
Dairy: 3									
<b>Kokstad, E.G.Veterinary Services</b>									
Beef: 2									
<b>Underberg, Underberg Veterinary Surgery</b>									
Dairy: 3									
<b>Eastern Cape</b>									
<b>Adelaide, Adelaide Veterinary Clinic</b>									
Beef: 3									
<b>Port Alfred, Port Alfred Veterinary Clinic</b>									
Beef: 1									
One case Bathurst									
<b>Stutterheim, Stutterheim Veterinary Clinic</b>									
Beef: 2									
Three outbreaks									
<b>Uitenhage, Uitenhage Dierehospitaal</b>									
Beef: 3									
<b>Western Cape</b>									
<b>George, George Animal Hospital</b>									
Beef: 3									
<b>George, George Herd Heath Consult</b>									
Dairy: 3									
<b>Heidelberg (WC), Heidelberg Dierekliniek</b>									
Dairy: 2									
<b>Riversdale, Riversdal Dierekliniek</b>									
Dairy: 3									
<b>Swellendam, Swellendam Dierehospitaal</b>									
Dairy: 1									

<b>Anaplasmosis</b>									<a href="#">^</a>
<b>PROVINCE</b>	<b>Mpumalanga</b>	<b>Gauteng</b>	<b>Limpopo</b>	<b>North West</b>	<b>Free State</b>	<b>Kwazulu-Natal</b>	<b>Eastern Cape</b>	<b>Western Cape</b>	<b>Northern Cape</b>

<b>Average</b>	1.8 (4)	1.0 (1)	2.0 (1)	1.8 (5)	2.1 (16)	1.9 (10)	2.2 (5)	2.7 (6)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

<b>Beef</b>	1.8 (4)		2.0 (1)	1.8 (5)	2.2 (15)	1.8 (5)	2.0 (4)	3.0 (2)
<b>Dairy</b>		1.0 (1)			1.0 (1)	2.0 (5)	3.0 (1)	2.5 (4)

#### **Mpumalanga**

##### **Balfour, Balfour Dierekliniek**

Beef: 2

##### **Ermelo, Mōregloed Veterinêre Spreekkamer**

Beef: 1

##### **Standerton, Econovet**

Beef: 2

##### **Standerton, Standerton Dierehospitaal**

Beef: 2

#### **Gauteng**

##### **Pretoria, Dr Rosaly Steyn (LNR) CSS vet**

Dairy: 1

#### **Limpopo**

##### **Mokopane, Dr Henk Visser**

Beef: 2

#### **North West**

##### **Christiana, Christiana Dierehospitaal**

Beef: 3

##### **Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 2

Old cows, had been vaccinated

##### **Lichtenburg, Silver Cross veterinary Herd Health**

Beef: 1

##### **Ventersdorp, Buffelsvlei Dierekliniek**

Beef: 1

##### **Vryburg, Vryburg Dierehospitaal**

Beef: 2

#### **Free State**

##### **Bethlehem, Freestate Bethlehem SV**

Beef: 1

##### **Bultfontein, Greylingrust Dieresprekkamer**

Beef: 2

##### **Clocolan, Clocolan Dierekliniek**

Beef: 3

##### **Ficksburg, Oos Vrystaat Diere Produkte**

Beef: 2

##### **Frankfort, Frankfort Dierekliniek**

Beef: 2

##### **Harrismith, Harrismith Dierehospitaal**

Beef: 2

##### **Hoopstad, Hoopstad Dierekliniek**

Beef: 3

##### **Kroonstad, Kroonstad Dierehospitaal**

Beef: 2

##### **Ladybrand, Ladybrand / Excelsior Dierekliniek**

Beef: 2

##### **Memel, Memel Veterinary Clinic**

Beef: 2

**Reitz, Riemland Dierehospitaal**

Beef: 3

**Villiers, Wilgepoort Dierkliniek Vennootskap**

Beef: 2, Dairy: 1

**Vrede, Vrede Dierehospitaal**

Beef: 3

**Wesselsbron, Wesselsbron Dierkliniek**

Beef: 2

**Winburg, Winburg Dierkliniek**

Beef: 2

**Kwazulu-Natal****Bergville, Bergville Veterinary Clinic**

Beef: 2

**Dundee, Endumeni Herd health**

Beef: 1, Dairy: 2

**Estcourt, Estcourt Vet Clinic**

Beef: 1, Dairy: 1

**Howick, Howick Veterinary Clinic**

Dairy: 3

**Kokstad, E.G.Veterinary Services**

Beef: 2

**Mooi River, Mooirivier Vet Clinic**

Dairy: 2

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 3

**Underberg, Underberg Veterinary Surgery**

Dairy: 2

**Eastern Cape****Aliwal North, Hertzogbrug Dierkliniek**

Beef: 2

**Graaff-Reinet, Graaff Reinet Veterinary Clinic**

Beef: 1

**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 3

**Port Alfred, Port Alfred Veterinary Clinic**

Beef: 2

Two cases - Shaw Park

**Somerset East, Bosberg Veterinary Clinic**

Beef: 3

**Western Cape****George, George Animal Hospital**

Beef: 3

**George, George Herd Heath Consult**

Dairy: 3

**Heidelberg (WC), Heidelberg Dierkliniek**

Dairy: 2

**Riversdale, Riversdal Dierkliniek**

Dairy: 3

**Stellenbosch, Stellenbosch Animal Hospital**

Dairy: 2

**Wellington, Wellington Dierehospitaal**

Beef: 3

**Heartwater**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (3)	1.2 (5)	1.9 (7)	1.7	1.0	1.8 (10)	2.3 (4)		

				(7)	(1)		
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

<b>Beef</b>	2.0 (1)	1.0 (2)	1.7 (3)	1.7 (3)	1.0 (1)	1.5 (4)	2.5 (2)
<b>Dairy</b>		2.0 (1)		2.0 (1)		2.0 (1)	
<b>Sheep</b>	2.0 (1)	1.0 (1)	2.0 (2)	2.0 (2)		2.0 (2)	2.0 (1)
<b>Goat</b>	2.0 (1)	1.0 (1)	2.0 (2)	1.0 (1)		2.0 (3)	2.0 (1)

### **Mpumalanga**

#### **Lydenburg, Lydenburg Dieresprekkamer**

Beef: 2, Sheep: 2

#### **Nelspruit, Nelspruit Animal Hospital**

Goat: 2

### **Gauteng**

#### **Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 1

#### **Pretoria, Anima Veterinary Consulting Rooms**

Dairy: 2

#### **Pretoria, Dr Rosaly Steyn (LNR) CSS vet**

Goat: 1

#### **Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic**

Beef: 1, Sheep: 1

### **Limpopo**

#### **Makhado, Blouberg Dierekliniek**

Beef: 3

#### **Mokopane, Dr Henk Visser**

Beef: 1, Sheep: 1, Goat: 1

#### **Polokwane, Pietersburg Veterinary Clinic**

Sheep: 3, Goat: 3

#### **Vaalwater, Vaalwater Dieresprekkamer**

Beef: 1

### **North West**

#### **Brits, Brits Dierekliniek**

Beef: 1, Dairy: 2, Goat: 1

#### **Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 2

Heartwater not seen in the area, but 7 cattle recently died of heartwater, farm adjacent to a game camp.

#### **Lichtenburg, Dr CM Kruger-Rall**

Sheep: 1

#### **Rustenburg, Bergbos Dierekliniek**

Beef: 2

#### **Stella, Stella Dierekliniek**

Sheep: 3

### **Free State**

#### **Hoopstad, Hoopstad Dierekliniek**

Beef: 1

### **Kwazulu-Natal**

#### **Bergville, Bergville Veterinary Clinic**

Beef: 1

#### **Estcourt, Estcourt Vet Clinic**

Beef: 2, Dairy: 2, Goat: 2

#### **Mtubatuba, Mtubatuba Animal Clinic**



Beef: 2, Goat: 2

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 1

**Pongola, Pongola Animal Clinic**

Sheep: 2

**Vryheid, Dr GH Theron**

Sheep: 2, Goat: 2

**Eastern Cape**

**Adelaide, Adelaide Veterinary Clinic**

Beef: 3

**Bathurst, Dr Jane Pistorius**

Sheep: 2

Nine cases in goats. Weather conditions- unbelievable for near mid winter up to 33 degrees Celcius - no wind, unusual for the Eastern Cape. I fear ticks and heartwater will be with us all winter.

**Somerset East, Bosberg Veterinary Clinic**

Beef: 2

**Uitenhage, Uitenhage Dierhospitaal**

Goat: 2

**Sweating Sickness**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.0 (1)			1.0 (1)		

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

Beef				1.0 (1)			1.0 (1)		
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**North West**

**Lichtenburg, Silver Cross veterinary Herd Health**

Beef: 1

**Eastern Cape**

**Bathurst, Dr Jane Pistorius**

Beef: 1

**Corridor disease**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						1.5 (2)			

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

Beef						1.5 (2)			
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**Kwazulu-Natal**

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 1

**Pongola, Pongola Animal Clinic**

Beef: 2

Cattle farming no longer viable in the Magudu area due to this disease

**Insect Transmittable Diseases**

## Lumpy skin disease

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (1)	1.7 (3)		2.5 (2)	1.8 (4)	1.0 (1)			

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

<b>Beef</b>	2.0 (1)	1.7 (3)		2.5 (2)	1.8 (4)				
<b>Dairy</b>						1.0 (1)			

### Mpumalanga

#### Middelburg , Middelburg Dierehospitaal

Beef: 2

### Gauteng

#### Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

#### Muldersdrift, Muldersdrift Animal Hospital

Beef: 2

#### Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

### North West

#### Brits, Brits Dierekliniek

Beef: 3

#### Rustenburg, Bergbos Dierekliniek

Beef: 2

### Free State

#### Bethlehem, Freestate Bethlehem SV

Beef: 2

#### Ficksburg, Oos Vrystaat Diere Produkte

Beef: 1

Calf

#### Vrede, Vrede Dierehospitaal

Beef: 2

#### Winburg, Winburg Dierekliniek

Beef: 2

### Kwazulu-Natal

#### Underberg, Underberg Veterinary Surgery

Dairy: 1

## Three-day-stiffsickness

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.7 (3)	1.0 (1)	1.0 (1)	2.0 (3)	2.0 (5)	2.0 (2)			

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

<b>Beef</b>	1.7 (3)	1.0 (1)	1.0 (1)	2.0 (3)	2.0 (5)	2.0 (1)			
<b>Dairy</b>						2.0 (1)			

## Mpumalanga

### Ermelo, Mōregloed Veterinêre Spreekkamer

Beef: 1

### Grootvlei, Grootvlei Dierekliniek

Beef: 2

### Standerton, Standerton Dierehospitaal

Beef: 2

## Gauteng

### Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

## Limpopo

### Ellisras, Matoppi Dierekliniek

Beef: 1

## North West

### Brits, Brits Dierekliniek

Beef: 1

### Christiana, Christiana Dierehospitaal

Beef: 3

### Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 2

In communal areas

## Free State

### Bultfontein, Greylingrust Dieresprekkamer

Beef: 2

### Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2

### Vrede, Vrede Dierehospitaal

Beef: 3

### Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

### Winburg, Winburg Dierekliniek

Beef: 2

## Kwazulu-Natal

### Estcourt, Estcourt Vet Clinic

Beef: 2, Dairy: 2

Blue tongue									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (3)	1.3 (3)		2.0 (2)	2.1 (8)	1.5 (2)		2.7 (3)	

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

Beef					2.5 (2)				
Sheep	2.0 (3)	1.3 (3)		2.0 (2)	2.0 (6)	1.5 (2)		2.7 (3)	

## Mpumalanga

### Balfour, Balfour Dierekliniek

Sheep: 2

### Bethal, Bethal Dierekliniek

Sheep: 1

### Standerton, Standerton Dierehospitaal

Sheep: 3

<b>Gauteng</b>
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>
Sheep: 1
<b>Pretoria, Anima Veterinary Consulting Rooms</b>
Sheep: 2
<b>Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic</b>
Sheep: 1
<b>North West</b>
<b>Klerksdorp, Klerksdorp Dierehospitaal</b>
Sheep: 2
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Sheep: 2
<b>Free State</b>
<b>Bultfontein, Greylingrust Diersprekkamer</b>
Beef: 2
Sheep not vaccinated
<b>Frankfort, Frankfort Dierekliniek</b>
Sheep: 2
<b>Hertzogville, Hertzogville Dierekliniek</b>
Sheep: 3
<b>Hoopstad, Hoopstad Dierekliniek</b>
Sheep: 1
<b>Memel, Memel Veterinary Clinic</b>
Sheep: 1
<b>Reitz, Riemland Dierehospitaal</b>
Sheep: 3
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Sheep: 2
<b>Winburg, Winburg Dierekliniek</b>
Beef: 3
<b>Kwazulu-Natal</b>
<b>Estcourt, Estcourt Vet Clinic</b>
Sheep: 2
<b>Underberg, Waterford Farm, Underberg</b>
Sheep: 1
<b>Western Cape</b>
<b>Beaufort West, Beaufort West State Vet</b>
Sheep: 3
Several cases and reports of Blue tongue. Fairly warm temperatures in May helped the development of disease with no frost as of yet.
<b>Oudtshoorn, Ostrimed</b>
Sheep: 3
Farmers in the Karoo report a very high prevalence of Blue Tongue finding many carcasses
<b>Piketberg, Piketberg Dierehospitaal</b>
Sheep: 2

## Venereal Diseases

Trichomonosis									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.4 (7)	1.0 (1)	1.5 (4)	1.8 (4)	2.1 (11)	2.3 (3)	2.0 (1)	2.0 (1)	

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

<b>Beef</b>	2.4 (7)	1.0 (1)	1.5 (4)	1.8 (4)	2.1 (11)	2.3 (3)	2.0 (1)	2.0 (1)
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### **Mpumalanga**

#### **Balfour, Balfour Dierekliniek**

Beef: 2

Two out of 8 bulls tested positive

#### **Bethal, Bethal Dierekliniek**

Beef: 2

#### **Ermelo, Môregloed Veterinêre Spreekkamer**

Beef: 3

#### **Grootvlei, Grootvlei Dierekliniek**

Beef: 2

#### **Lydenburg, Lydenburg Dieresprekkamer**

Beef: 2

#### **Middelburg, Middelburg Dierehospitaal**

Beef: 3

#### **Standerton, Standerton Dierehospitaal**

Beef: 3

### **Gauteng**

#### **Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic**

Beef: 1

### **Limpopo**

#### **Makhado, Blouberg Dierekliniek**

Beef: 2

#### **Modimolle, Kranskop Dierekliniek**

Beef: 2

Eight bulls tested positive

#### **Mokopane, Dr Henk Visser**

Beef: 1

#### **Polokwane, Pietersburg Veterinary Clinic**

Beef: 1

### **North West**

#### **Brits, Brits Dierekliniek**

Beef: 2

#### **Christiana, Christiana Dierehospitaal**

Beef: 1

#### **Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 1

Bull bought at an auction – positive for trichomonosis.

#### **Vryburg, Vryburg Dierehospitaal**

Beef: 3

### **Free State**

#### **Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 2

#### **Clocolan, Clocolan Dierekliniek**

Beef: 1

#### **Frankfort, Frankfort Dierekliniek**

Beef: 2

#### **Harrismith, Harrismith Dierehospitaal**

Beef: 1

#### **Hertzogville, Hertzogville Dierekliniek**

Beef: 1

#### **Hoopstad, Hoopstad Dierekliniek**

Beef: 3

#### **Kroonstad, Kroonstad Dierehospitaal**

Beef: 3

#### **Memel, Memel Veterinary Clinic**

Beef: 2

Transmitted by neighbour's bull jumping fence.

**Reitz, Riemland Dierehospitaal**

Beef: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 3

**Winburg, Winburg Dierekliniek**

Beef: 3

**Kwazulu-Natal****Bergville, Bergville Veterinary Clinic**

Beef: 2

**Dundee, Endumeni Herd health**

Beef: 3

**Kokstad, E.G.Veterinary Services**

Beef: 2

**Eastern Cape****Adelaide, Adelaide Veterinary Clinic**

Beef: 2

**Western Cape****Oudtshoorn, Deltamune**

Beef: 2

**Vibriosis**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (1)		1.0 (1)		1.0 (3)	1.0 (1)		2.0 (1)	

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

<b>Beef</b>	2.0 (1)		1.0 (1)		1.0 (3)	1.0 (1)		2.0 (1)	
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**Mpumalanga****Balfour, Balfour Dierekliniek**

Beef: 2

**Limpopo****Makhado, Blouberg Dierekliniek**

Beef: 1

**Free State****Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 1

**Harrismith, Harrismith Dierehospitaal**

Beef: 1

**Reitz, Riemland Dierehospitaal**

Beef: 1

**Kwazulu-Natal****Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 1

**Western Cape****Oudtshoorn, Deltamune**

Beef: 2

Queenstown - E.Cape

**Pizzle disease**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>	1.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

<b>Sheep</b>	1.0 (1)
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**North West**

**Lichtenburg, Silver Cross veterinary Herd Health**

Sheep: 1

**Bacterial Disease (other)**

**Anthrax**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>							1.0 (1)		
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

<b>Dairy</b>							1.0 (1)		
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**Eastern Cape**

**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 1

**Blackquarter**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>	1.9 (7)		1.5 (2)	3.0 (2)	2.0 (9)	2.0 (3)	2.0 (4)	2.0 (1)	3.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

<b>Beef</b>	2.0 (4)		1.5 (2)	3.0 (2)	2.1 (8)	1.5 (2)	1.7 (3)		3.0 (1)
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<b>Dairy</b>	1.0 (1)					3.0 (1)	3.0 (1)	2.0 (1)	
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<b>Sheep</b>	2.0 (2)				1.0 (1)				
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**Mpumalanga**

**Bethal, Bethal Dierekliniek**

Dairy: 1

**Grootvlei, Grootvlei Dierekliniek**

Beef: 1

**Standerton, Econovet**

Beef: 3, Sheep: 3

**Standerton, Standerton Dierehospitaal**

Beef: 3

Unvaccinated herds, affecting calves and adults

**Volksrust, Cape Cross Volksrust Dierehospitaal**

Beef: 1, Sheep: 1

<b>Limpopo</b>
<b>Mokopane, Dr Henk Visser</b>
Beef: 1
<b>Polokwane, Pietersburg Veterinary Clinic</b>
Beef: 2
<b>North West</b>
<b>Stella, Stella Dierekliniek</b>
Beef: 3
<b>Vryburg, Vryburg Dierehospitaal</b>
Beef: 3
<b>Free State</b>
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 3
<b>Dewetsdorp, Platkop Dierekliniek</b>
Beef: 2
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 2
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 1
<b>Memel, Memel Veterinary Clinic</b>
Sheep: 1
<b>Reitz, Riemland Dierehospitaal</b>
Beef: 2
<b>Vrede, Saulshoek Dierepraktyk</b>
Beef: 2
<b>Wesselsbron, Wesselsbron Dierekliniek</b>
Beef: 2
<b>Winburg, Winburg Dierekliniek</b>
Beef: 3
<b>Kwazulu-Natal</b>
<b>Estcourt, Estcourt Vet Clinic</b>
Beef: 1
<b>Kokstad, E.G.Veterinary Services</b>
Beef: 2
<b>Underberg, Underberg Veterinary Surgery</b>
Dairy: 3
<b>Eastern Cape</b>
<b>Adelaide, Adelaide Veterinary Clinic</b>
Beef: 3
<b>Aliwal North, Hertzogbrug Dierekliniek</b>
Beef: 1
<b>Graaff-Reinet, Camdeboo Veterinary Clinic</b>
Beef: 1
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>
Dairy: 3
<b>Western Cape</b>
<b>Wellington, Wellington Dierehospitaal</b>
Dairy: 2
<i>Clostridium septicum</i>
<b>Northern Cape</b>
<b>Colesberg, Karoo Veterinary Hospital</b>
Beef: 3

<b>Botulism</b>									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)		3.0					



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

<b>Beef</b>		1.0 (1)	3.0 (1)
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**Gauteng**  
**Bronkhorstspuit, Kerkstraat Dierekliniek**  
 Beef: 1

**North West**  
**Christiana, Christiana Dierehospitaal**  
 Beef: 3

Pulpy Kidney									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.3 (3)		1.0 (1)	1.5 (2)	2.3 (8)	2.3 (4)	1.0 (1)	1.8 (4)	2.5 (2)

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

<b>Sheep</b>	1.3 (3)		1.0 (1)	1.5 (2)	2.3 (8)	2.3 (3)	1.0 (1)	1.8 (4)	2.5 (2)
<b>Goat</b>						2.0 (1)			

**Mpumalanga**  
**Balfour, Balfour Dierekliniek**  
 Sheep: 1  
 One farm, sheep not vaccinated

**Standerton, Standerton Dierehospitaal**  
 Sheep: 1

**Volkstrust, Cape Cross Volkstrust Dierehospitaal**  
 Sheep: 2

**Limpopo**  
**Polokwane, Pietersburg Veterinary Clinic**  
 Sheep: 1

**North West**  
**Christiana, Christiana Dierehospitaal**  
 Sheep: 1

**Vryburg, Vryburg Dierehospitaal**  
 Sheep: 2

**Free State**  
**Clocolan, Clocolan Dierekliniek**  
 Sheep: 3

**Frankfort, Frankfort Dierekliniek**  
 Sheep: 2

**Harrismith, Harrismith Dierehospitaal**  
 Sheep: 2

**Hoopstad, Hoopstad Dierekliniek**  
 Sheep: 3

**Kroonstad, Kroonstad Dierehospitaal**  
 Sheep: 2

**Reitz, Riemland Dierehospitaal**  
 Sheep: 3

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 2

**Wesselsbron, Wesselsbron Dierekliniek**

Sheep: 1

**Kwazulu-Natal**

**Estcourt, Estcourt Vet Clinic**

Sheep: 2, Goat: 2

**Kokstad, E.G.Veterinary Services**

Sheep: 2

**Underberg, Waterford Farm, Underberg**

Sheep: 3

Numerous mixed worm infestation and pulpy kidney in a large flock of sheep. Many mortalities are due to ineffective dosing and vaccination procedures.

**Eastern Cape**

**Aliwal North, Hertzogbrug Dierekliniek**

Sheep: 1

**Western Cape**

**Beaufort West, Beaufort West State Vet**

Sheep: 2

Problem occurred because booster vaccination was not given.

**Caledon, Overberg Veterinary Hospital**

Sheep: 1

**Malmesbury, Bergzicht Dierehospitaal**

Sheep: 1

**Oudtshoorn, Ostrimed**

Sheep: 3

Sporadic warm weather results in lucern blooms which are susceptible to wilting. Higher intake of such pastures result in clostridial overgrowth.

**Northern Cape**

**Colesberg, Karoo Veterinary Hospital**

Sheep: 3

**Kimberley, Kimberley Dierekliniek**

Sheep: 2

**Lamb dysentery**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>					1.5 (2)				
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

<b>Sheep</b>					1.5 (2)				
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**Free State**

**Bultfontein, Greylingrust Dieresprekkamer**

Sheep: 2

**Kroonstad, Kroonstad Dierehospitaal**

Sheep: 1

**Swelled head disease**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>		2.0 (1)	3.0 (1)		3.0				
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									(1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

<b>Beef</b>		2.0 (1)	3.0 (1)						
<b>Sheep</b>									3.0 (1)

### Gauteng

#### Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

### Limpopo

#### Mokopane, Dr Henk Visser

Beef: 3

### Free State

#### Winburg, Winburg Dierekliniek

Sheep: 3

## Red gut (cattle)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>							2.0 (1)		

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

<b>Beef</b>							2.0 (1)		
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### Eastern Cape

#### Somerset East, Bosberg Veterinary Clinic

Beef: 2

## Blood gut (Sheep)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.7 (3)				1.5 (4)		2.0 (1)	2.0 (3)	

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

<b>Dairy</b>							2.0 (1)		
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<b>Sheep</b>	1.7 (3)				1.5 (4)			2.0 (3)	
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### Mpumalanga

#### Piet Retief, Pets Vet Hospital

Sheep: 2

#### Standerton, Econovet

Sheep: 2

#### Standerton, Standerton Dierehospitaal

Sheep: 1

### Free State

#### Dewetsdorp, Platkop Dierekliniek

Sheep: 2

**Kroonstad, Kroonstad Dierehospitaal**

Sheep: 1

**Memel, Memel Veterinary Clinic**

Sheep: 1

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 2

**Eastern Cape****Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 2

**Western Cape****Darling, Darling Dierekliniek**

Sheep: 2

Clostridial diarrhoea - lambs in Riebeeck kasteel

**Malmesbury, Bergzicht Dierehospitaal**

Sheep: 2

**Oudtshoorn, Ostrimed**

Sheep: 2

Sporadic warm weather results in lucern blooms which are susceptible to wilting. Higher intake of such pastures result in clostridial overgrowth.

Tetanus									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)			1.3 (3)	1.5 (2)	1.0 (1)	2.0 (1)	1.0 (1)	

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

<b>Beef</b>								1.0 (1)	
<b>Sheep</b>	1.0 (1)			1.3 (3)	1.5 (2)	1.0 (1)	2.0 (1)		

**Mpumalanga****Ermelo, Mōregloed Veterinêre Spreekkamer**

Sheep: 1

**North West****Christiana, Christiana Dierehospitaal**

Sheep: 1

**Lichtenburg, Silver Cross veterinary Herd Health**

Sheep: 1

**Vryburg, Vryburg Dierehospitaal**

Sheep: 2

**Free State****Bothaville, Cape Cross Bothaville Veterinary Hospital**

Sheep: 1

Suspected case

**Vrede, Vrede Dierehospitaal**

Sheep: 2

**Kwazulu-Natal****Newcastle, Ncanduvet Newcastle**

Sheep: 1

**Eastern Cape****Cradock, Cradock Veterinary Clinic**

Sheep: 2

Two lambs

**Western Cape****Malmesbury, Dr Otto Kriek**

Beef: 1

Salmonellosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)								

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

Dairy	1.0 (1)								
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**Mpumalanga**  
Bethal, Bethal Dierekliniek  
Dairy: 1

Brucella abortus									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)		2.0 (3)	2.3 (3)	2.3 (11)				1.0 (1)

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

Beef	1.5 (2)		2.0 (3)	2.3 (3)	2.2 (10)				1.0 (1)
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Dairy					3.0 (1)				
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**Mpumalanga**  
Ermelo, Môregloed Veterinêre Spreekkamer  
Beef: 2  
Grootvlei, Grootvlei Dierekliniek  
Beef: 1  
**Limpopo**  
Makhado, Blouberg Dierekliniek  
Beef: 3  
Mokopane, Dr Henk Visser  
Beef: 2  
Polokwane, Pietersburg Veterinary Clinic  
Beef: 1  
**North West**  
Christiana, Christiana Dierehospitaal  
Beef: 1  
Lichtenburg, Dr CM Kruger-Rall  
Beef: 3  
28 positive cases  
Vryburg, Vryburg Dierehospitaal  
Beef: 3  
**Free State**  
Bethlehem, Freestate Bethlehem SV  
Beef: 3  
Bothaville, Cape Cross Bothaville Veterinary Hospital  
Beef: 2  
Clocolan, Clocolan Dierekliniek

Beef: 3, Dairy: 3

**Dewetsdorp, Platkop Dierekliniek**

Beef: 2

**Frankfort, Frankfort Dierekliniek**

Beef: 2

**Harrismith, Harrismith Dierehospitaal**

Beef: 1

**Hertzogville, Hertzogville Dierekliniek**

Beef: 2

Four positive cases

**Hoopstad, Hoopstad Dierekliniek**

Beef: 3

**Reitz, Riemland Dierehospitaal**

Beef: 2

**Viljoenskroon, Viljoenskroon Dierekliniek**

Beef: 2

Previous positive farm

**Northern Cape**

**Kimberley, Kimberley Dierekliniek**

Beef: 1

**Brucella ovis**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (1)	3.0 (1)		1.0 (1)	2.0 (1)	2.0 (2)

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

Sheep					3.0 (1)		1.0 (1)	2.0 (1)	2.0 (2)
Goat				3.0 (1)					

**North West**

**Brits, Brits Dierekliniek**

Goat: 3

**Free State**

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 3

**Eastern Cape**

**Cradock, Dr. Ilse Jenkinson CCS Vet**

Sheep: 1

One sheep farm positive

**Western Cape**

**Beaufort West, Beaufort West State Vet**

Sheep: 2

One farm with 3 rams infected with *B. ovis*

**Northern Cape**

**Calvinia, Calvinia Veeartskliniek**

Sheep: 3

**De Aar, De Aar Veterinary Clinic**

Sheep: 1

One positive flock

**Johne`s disease**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					1.0 (1)				

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

<b>Beef</b>					1.0 (1)				
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### Free State

#### Hoopstad, Hoopstad Dierekliniek

Beef: 1

### *E. coli* [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.7 (3)	2.0 (1)		2.5 (4)	2.3 (11)	1.7 (3)	3.0 (1)	2.3 (3)	

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

<b>Beef</b>	2.0 (1)	2.0 (1)		1.0 (1)	2.0 (3)	1.0 (1)			
<b>Dairy</b>	3.0 (1)				2.0 (1)	2.0 (2)	3.0 (1)	2.0 (1)	
<b>Sheep</b>	3.0 (1)			3.0 (3)	2.4 (7)			2.5 (2)	

### Mpumalanga

#### Delmas, Delmas Dierekliniek

Dairy: 3

Late rains in North West, Gauteng and Mpumalanga increase in *E.coli* infections - mastitis, calf diarrhoea and lamb mortalities.

Sheep: 3

Late rains in North West, Gauteng and Mpumalanga increase in *E.coli* infections - mastitis, calf diarrhoea and lamb mortalities.

#### Standerton, Standerton Dierehospitaal

Beef: 2

### Gauteng

#### Pretoria, Anima Veterinary Consulting Rooms

Beef: 2

### North West

#### Christiana, Christiana Dierehospitaal

Beef: 1

#### Klerksdorp, Klerksdorp Dierehospitaal

Sheep: 3

#### Lichtenburg, Dr CM Kruger-Rall

Sheep: 3

Farmers have problems with young lambs having yellow diarrhoea.

#### Vryburg, Vryburg Dierehospitaal

Sheep: 3

### Free State

#### Bothaville, Cape Cross Bothaville Veterinary Hospital

Sheep: 2

Previous diagnosed farm had an outbreak again even after vaccination and management changes

**Bultfontein, Greylingrust Diersprekkamer**

Beef: 2, Dairy: 2, Sheep: 3

Widespread diarrhoea in lambs. Suspect *E. coli*, farmers do not want to spend money on laboratory tests.

**Clocolan, Clocolan Dierekliniek**

Beef: 3

**Frankfort, Frankfort Dierekliniek**

Sheep: 3

**Hoopstad, Hoopstad Dierekliniek**

Beef: 1, Sheep: 1

**Ladybrand, Ladybrand / Excelsior Dierekliniek**

Sheep: 2

**Wesselsbron, Wesselsbron Dierekliniek**

Sheep: 3

**Winburg, Winburg Dierekliniek**

Sheep: 3

Diarrhoea in lambs

**Kwazulu-Natal**

**Dundee, Endumeni Herd health**

Dairy: 1

**Pietermaritzburg, Richmond Veterinary Clinic**

Beef: 1

**Underberg, Underberg Veterinary Surgery**

Dairy: 3

**Eastern Cape**

**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 3

**Western Cape**

**Darling, Darling Dierekliniek**

Sheep: 3

Unconfirmed outbreak in lambs in Rebeeck-Kasteel.

**Malmesbury, Bergzicht Dierehospitaal**

Sheep: 2

Septicaemia mortalities

**Wellington, Wellington Dierehospitaal**

Dairy: 2

**Enzootic Abortion**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)					3.0 (1)		3.0 (2)	

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

Beef	2.0 (1)								
Dairy						3.0 (1)			
Sheep								3.0 (2)	

**Mpumalanga**

**Piet Retief, Pets Vet Hospital**

Beef: 2

**Kwazulu-Natal**

**Underberg, Underberg Veterinary Surgery**

Dairy: 3

**Western Cape**

**Darling, Darling Dierekliniek**



Sheep: 3

Philadelphia

**Malmesbury, Bergzicht Dierehospitaal**

Sheep: 3

Abortion storm in one herd

### Dermatophilosis (Lumpy Wool)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					2.0 (2)		2.0 (1)	2.0 (1)	

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

<b>Sheep</b>					2.0 (2)		2.0 (1)	2.0 (1)	
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#### Free State

**Frankfort, Frankfort Dierekliniek**

Sheep: 2

Lambs with lesions around mouth. Similar to orf but clears with antibiotic treatment.

**Reitz, Riemland Dierehospitaal**

Sheep: 2

#### Eastern Cape

**Cradock, Cradock Veterinary Clinic**

Sheep: 2

Strawberry foot in Persian sheep developed between hooves, around the mouth and even on the front legs.

#### Western Cape

**Oudtshoorn, Ostrimed**

Sheep: 2

### Fusibacterium necrophorum

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				1.0 (1)				1.0 (1)	

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

<b>Beef</b>				1.0 (1)				1.0 (1)	
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#### North West

**Brits, Brits Dierekliniek**

Beef: 1

#### Western Cape

**Stellenbosch, Stellenbosch Animal Hospital**

Beef: 1

### Protozoal diseases (other)

### Coccidiosis

PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern
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				West	State	Natal	Cape	Cape	Cape
<b>Average</b>	2.0 (2)	1.3 (3)	3.0 (2)	3.0 (1)	1.8 (5)	1.0 (1)	2.0 (2)	1.6 (5)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	1.0 (1)	1.0 (1)			1.0 (1)				
<b>Dairy</b>								2.0 (1)	
<b>Sheep</b>	3.0 (1)	1.5 (2)	3.0 (1)	3.0 (1)	2.0 (4)	1.0 (1)	2.0 (1)	1.7 (3)	
<b>Goat</b>			3.0 (1)				2.0 (1)	1.0 (1)	

#### **Mpumalanga**

##### **Piet Retief, Pets Vet Hospital**

Beef: 1

##### **Standerton, Econovet**

Sheep: 3

#### **Gauteng**

##### **Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 2

##### **Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic**

Beef: 1, Sheep: 1

#### **Limpopo**

##### **Makhado, Blouberg Dierekliniek**

Sheep: 3, Goat: 3

#### **North West**

##### **Lichtenburg, Dr CM Kruger-Rall**

Sheep: 3

#### **Free State**

##### **Bothaville, Cape Cross Bothaville Veterinary Hospital**

Sheep: 2

##### **Frankfort, Frankfort Dierekliniek**

Sheep: 2

##### **Reitz, Riemland Dierehospitaal**

Beef: 1, Sheep: 2

##### **Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 2

#### **Kwazulu-Natal**

##### **Mtubatuba, Mtubatuba Animal Clinic**

Sheep: 1

#### **Eastern Cape**

##### **Graaff-Reinet, Graaff Reinet Veterinary Clinic**

Sheep: 2, Goat: 2

#### **Western Cape**

##### **Heidelberg (WC), Heidelberg Dierekliniek**

Sheep: 1

##### **Malmesbury, Bergzicht Dierehospitaal**

Sheep: 3

##### **Oudtshoorn, Oudtshoorn Dierekliniek**

Goat: 1

##### **Stellenbosch, Stellenbosch Animal Hospital**

Sheep: 1

##### **Wellington, Wellington Dierehospitaal**

Dairy: 2

## Fungal diseases

### Ringworm

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (1)	1.0 (1)		2.0 (3)	1.0 (1)	2.5 (2)	2.0 (2)	1.5 (2)	

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

<b>Beef</b>	2.0 (1)	1.0 (1)		2.0 (2)	1.0 (1)	2.5 (2)	2.0 (1)		
<b>Dairy</b>								1.5 (2)	
<b>Goat</b>				2.0 (1)			2.0 (1)		

#### Mpumalanga

##### Nelspruit, Nelspruit Animal Hospital

Beef: 2

#### Gauteng

##### Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

#### North West

##### Brits, Brits Dierekliniek

Beef: 2, Goat: 2

##### Christiana, Christiana Dierehospitaal

Beef: 2

#### Free State

##### Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1

#### Kwazulu-Natal

##### Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

##### Pietermaritzburg, Richmond Veterinay Clinic

Beef: 3

#### Eastern Cape

##### Graaff-Reinet, Graaff Reinet Veterinary Clinic

Beef: 2, Goat: 2

#### Western Cape

##### Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

##### Swellendam, Swellendam Dierehospitaal

Dairy: 1

## Viral Diseases (other)

### BMC

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>			1.7 (3)	2.0 (2)	1.5 (2)	2.0 (1)	2.0 (1)		

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

<b>Beef</b>		1.7 (3)	2.0 (2)	1.5 (2)		2.0 (1)	
<b>Dairy</b>					2.0 (1)		

### Limpopo

#### Mokopane, Dr Henk Visser

Beef: 2

#### Polokwane, Pietersburg Veterinary Clinic

Beef: 1

#### Vaalwater, Vaalwater Dieresprekkamer

Beef: 2

### North West

#### Klerksdorp, Klerksdorp Dierehospitaal

Beef: 1

#### Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Bluewildebeest associated - adjacent to a game farm, 7 cattle died

### Free State

#### Kroonstad, Kroonstad Dierehospitaal

Beef: 2

#### Vrede, Vrede Dierehospitaal

Beef: 1

### Kwazulu-Natal

#### Dundee, Endumeni Herd health

Dairy: 2

### Eastern Cape

#### Alexandria, Alexandria Platteland Spreekkamer

Beef: 2

Two cases

## Rabies [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				1.0 (3)		1.0 (1)			

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

<b>Beef</b>				1.0 (3)					
<b>Dairy</b>						1.0 (1)			

### North West

#### Magaliesburg, Magaliesburg; Dr Ryan Jeffrey

Beef: 1

#### Rustenburg, Bergbos Dierekliniek

Beef: 1

### Kwazulu-Natal

#### Underberg, Underberg Veterinary Surgery

Dairy: 1

## BVD (Bovine viral diarrhoea) [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>			2.0 (1)		1.0 (1)				

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

<b>Beef</b>			2.0 (1)						
<b>Dairy</b>					1.0 (1)				

<b>Limpopo</b>									
<b>Makhado, Blouberg Dierekliniek</b>									
Beef: 2									
<b>Free State</b>									
<b>Clocolan, Clocolan Dierekliniek</b>									
Dairy: 1									

### IBR (Infectious bovine rhinotracheitis) [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				1.0 (1)	2.0 (1)	2.5 (2)	2.0 (1)		

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

<b>Beef</b>				1.0 (1)	2.0 (1)	2.0 (1)			
<b>Dairy</b>						3.0 (1)	2.0 (1)		

<b>North West</b>									
<b>Lichtenburg, Silver Cross veterinary Herd Health</b>									
Beef: 1									
<b>Free State</b>									
<b>Reitz, Riemland Dierehospitaal</b>									
Beef: 2									
<b>Kwazulu-Natal</b>									
<b>Bergville, Tugela Vet Clinic</b>									
Beef: 2									
<b>Underberg, Underberg Veterinary Surgery</b>									
Dairy: 3									
<b>Eastern Cape</b>									
<b>Somerset East, Bosberg Veterinary Clinic</b>									
Dairy: 2									

### BRSV (Bovine respiratory syncytial virus) [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (1)								

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

**Beef** 2.0 (1)

**Mpumalanga**

**Nelspruit, Nelspruit Animal Hospital**

Beef: 2

**Enzootic Bovine Leucosis (EBL)**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>						2.0 (1)	1.0 (1)	1.5 (2)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

**Dairy** 2.0 (1) 1.0 (1) 1.5 (2)

**Kwazulu-Natal**

**Underberg, Underberg Veterinary Surgery**

Dairy: 2

**Eastern Cape**

**Somerset East, Bosberg Veterinary Clinic**

Dairy: 1

**Western Cape**

**Riversdale, Riversdal Dierekliniek**

Dairy: 2

**Stellenbosch, Stellenbosch Animal Hospital**

Dairy: 1

**Jaagsiekte**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>					1.0 (1)				
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

**Sheep** 1.0 (1)

**Free State**

**Harrismith, Harrismith Dierehospitaal**

Sheep: 1

**Orf**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>	1.0 (1)	2.0 (1)		1.0 (2)	2.0 (5)	2.0 (2)	2.5 (2)	1.7 (3)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

**Sheep** 1.0 (1) 2.0 (1) 1.0 (1) 2.0 (5) 2.0 (1) 3.0 (1) 1.7 (3)



**Mpumalanga****Ermelo, Mōregloed Veterinêre Spreekkamer**

Beef: 1

**Limpopo****Mokopane, Dr Henk Visser**

Beef: 1

**North West****Brits, Brits Dierekliniek**

Beef: 1

**Free State****Bethlehem, Freestate Bethlehem SV**

Beef: 1

**Kwazulu-Natal****Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 3

**Ulundi, Dr. Ben Muller CCS Vet**

Beef: 3

Many farmers call me for warts and the treatment thereof, most farmers only have one animal infected, suspect possible Bovine Leukaemia Virus infection but do not have the means to test.

**Vryheid, Dr GH Theron**

Beef: 2

**Western Cape****George, George Animal Hospital**

Sheep: 3

**Other viral disease not listed**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)				1.0 (1)				

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

<b>Beef</b>	1.0 (1)								
<b>Sheep</b>					1.0 (1)				

**Mpumalanga****Nelspruit, Nelspruit Animal Hospital**

Beef: 1

Snotsiekte blue wildebeest contact

**Free State****Ladybrand, Ladybrand / Excelsior Dierekliniek**

Sheep: 1

Ovine leucosis

**Poisonings (Plant) and Fungal****Cardiac glycoside poisoning**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		2.0 (2)		3.0	1.0			2.0 (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					
<b>Beef</b>		2.0 (2)	3.0 (2)	1.0 (1)	
<b>Sheep</b>					2.0 (1)

<b>Gauteng</b>									
<b>Bronkhorstspuit, Kerkstraat Dierkliniek</b>									
Beef: 2									
Suspected Milkweed poisoning									
<b>Nigel, Welgelegen Dierkliniek</b>									
Beef: 2									
Seven cattle died probably due to cardiac glycoside poisoning. Point haemorrhages on the heart.									
<b>North West</b>									
<b>Stella, Stella Dierkliniek</b>									
Beef: 3									
Slangkop									
<b>Vryburg, Vryburg Dierhospitaal</b>									
Beef: 3									
<b>Free State</b>									
<b>Wesselsbron, Wesselsbron Dierkliniek</b>									
Beef: 1									
<b>Western Cape</b>									
<b>Heidelberg (WC), Heidelberg Dierkliniek</b>									
Sheep: 2									

### Cestrum [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)	1.0 (1)			2.7 (3)				

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

<b>Beef</b>	1.0 (1)	1.0 (1)			2.7 (3)				
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<b>Mpumalanga</b>									
<b>Grootvlei, Grootvlei Dierkliniek</b>									
Beef: 1									
<b>Gauteng</b>									
<b>Bronkhorstspuit, Kerkstraat Dierkliniek</b>									
Beef: 1									
Also goats died from <i>Cestrum</i> ingestion 6 died out of 30 in a week.									
<b>Free State</b>									
<b>Clocolan, Clocolan Dierkliniek</b>									
Beef: 3									
<b>Smithfield, Freestate Smithfield SV</b>									
Beef: 2									
<b>Viljoenskroon, Viljoenskroon Dierkliniek</b>									
Beef: 3									

### Cynanchum poisoning [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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**Average** 2.0 (1)

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

**Sheep** 2.0 (1)

**Western Cape**

**Heidelberg (WC), Heidelberg Dierekliniek**

Sheep: 2

**Facial eczema**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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**Average** 2.0 (2) 2.0 (1)

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

**Sheep** 2.0 (2) 2.0 (1)

**Free State**

**Reitz, Riemland Dierehospitaal**

Sheep: 2

**Wesselsbron, Wesselsbron Dierekliniek**

Sheep: 2

**Western Cape**

**Heidelberg (WC), Heidelberg Dierekliniek**

Sheep: 2

**Geeldikkop/Dikoor**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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**Average** 2.0 (1)

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

**Sheep** 2.0 (1)

**Western Cape**

**Malmesbury, Bergzicht Dierehospitaal**

Sheep: 2

**Gifblaar**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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**Average** 1.0 (1) 2.0 (1) 2.0 (1) 2.0 (1)



<b>Average</b>	1.0 (1)	2.0 (1)	2.3 (3)	2.0 (1)	1.7 (3)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

<b>Beef</b>		2.0 (1)	2.3 (3)	2.0 (1)	1.7 (3)
<b>Goat</b>	1.0 (1)				

#### **Mpumalanga**

##### **Nelspruit, Nelspruit Animal Hospital**

Goat: 1

#### **Gauteng**

##### **Pretoria, Anima Veterinary Consulting Rooms**

Beef: 2

#### **Limpopo**

##### **Modimolle, Kranskop Dierekliniek**

Beef: 2

One farm, cattle died

##### **Polokwane, Pietersburg Veterinary Clinic**

Beef: 3

##### **Vaalwater, Vaalwater Dieresprekkamer**

Beef: 2

6 cattle

#### **North West**

##### **Brits, Brits Dierekliniek**

Beef: 2

#### **Kwazulu-Natal**

##### **Bergville, Bergville Veterinary Clinic**

Beef: 2

##### **Bergville, Tugela Vet Clinic**

Beef: 1

##### **Howick, Howick Veterinary Clinic**

Beef: 2

### **Nenta poisoning (Krimpsiekte, plakkiess)**



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	3.0 (1)		1.0 (1)						

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

<b>Beef</b>	3.0 (1)		1.0 (1)						
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#### **Mpumalanga**

##### **Balfour, Balfour Dierekliniek**

Beef: 3

*Cotyledon* growing in mountainous (randjie veld) areas. Twenty animals 7 walk with difficulty.

#### **Limpopo**

##### **Mokopane, Dr Henk Visser**

Beef: 1

*Kalanchoe, Cotyledon*

### **Prussic acid poisoning**



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				1.0 (1)	2.0 (1)				

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

<b>Beef</b>					2.0 (1)				
<b>Sheep</b>				1.0 (1)					

#### North West

##### Ventersdorp, Buffelsvlei Dierekliniek

Sheep: 1

#### Free State

##### Clocolan, Clocolan Dierekliniek

Beef: 2

### Seneciosis

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					1.0 (1)		2.0 (1)		

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

<b>Beef</b>					1.0 (1)		2.0 (1)		
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#### Free State

##### Vrede, Saulshoek Dierepraktyk

Beef: 1

#### Eastern Cape

##### Stutterheim, Stutterheim Veterinary Clinic

Beef: 2

Chronic *Senecio* outbreaks in 2 herds - associated with drought.

### Tulip Poisoning

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)			1.0 (1)	3.0 (1)	1.3 (3)	1.7 (3)	1.0 (1)	

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

<b>Beef</b>	1.5 (2)			1.0 (1)		1.3 (3)	1.5 (2)	1.0 (1)	
<b>Sheep</b>					3.0 (1)				

<b>Goat</b>	<b>2.0 (1)</b>
<b>Mpumalanga</b>	
<b>Middelburg , Middelburg Dierehospitaal</b>	
Beef: 1	
<b>Piet Retief, Pets Vet Hospital</b>	
Beef: 2	
<b>North West</b>	
<b>Christiana, Christiana Dierehospitaal</b>	
Beef: 1	
<b>Free State</b>	
<b>Winburg, Winburg Dierekliniek</b>	
Sheep: 3	
<b>Kwazulu-Natal</b>	
<b>Bergville, Bergville Veterinary Clinic</b>	
Beef: 1	
<b>Bergville, Tugela Vet Clinic</b>	
Beef: 2	
<b>Newcastle, Ncanduvet Newcastle</b>	
Beef: 1	
<b>Eastern Cape</b>	
<b>Graaff-Reinet, Graaff Reinet Veterinary Clinic</b>	
Beef: 1	
<b>Somerset East, Bosberg Veterinary Clinic</b>	
Beef: 2, Goat: 2	
<b>Western Cape</b>	
<b>Stellenbosch, Stellenbosch Animal Hospital</b>	
Beef: 1	

<b>Vermeersiekte ( <i>Gaigeria spp.</i> )</b>									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	<b>3.0 (1)</b>								

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

<b>Sheep</b>	<b>3.0 (1)</b>
<b>Mpumalanga</b>	
<b>Balfour, Balfour Dierekliniek</b>	
Sheep: 3	
Sheep grazing on barren maize fields - looks like blue tongue, saliva at mouth	

<b>Mycotoxicosis</b>									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>						<b>2.0 (1)</b>			

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

<b>Dairy</b>	<b>2.0 (1)</b>
<b>Kwazulu-Natal</b>	
<b>Howick, Howick Veterinary Clinic</b>	
Dairy: 2	

Other									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	3.0 (2)					2.0 (1)	3.0 (1)	2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	3.0 (1)					2.0 (1)			
<b>Sheep</b>	3.0 (1)						3.0 (1)	2.0 (1)	

### Mpumalanga

#### Standerton, Standerton Dierehospitaal

Beef: 3

Soya bean poisoning

Sheep: 3

Soya bean poisoning

### Kwazulu-Natal

#### Vryheid, Dr GH Theron

Beef: 2

Suspected *Crotalaria*

### Eastern Cape

#### Adelaide, Adelaide Veterinary Clinic

Sheep: 3

Ganskweek

### Western Cape

#### Piketberg, Piketberg Dierehospitaal

Sheep: 2

Turksnaald with dikkop

## Poisonings

### Urea Poisoning

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					2.5 (2)	1.0 (1)	1.0 (1)	1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>					3.0 (1)		1.0 (1)		
<b>Dairy</b>								1.0 (1)	
<b>Sheep</b>					2.0 (1)				
<b>Goat</b>						1.0 (1)			

### Free State

#### Bethlehem, Bethlehem Animal Hospital

Beef: 3

#### Winburg, Winburg Dierekliniek

Sheep: 2

### Kwazulu-Natal





**Goat** 2.0 (1)

**Eastern Cape**  
**Cradock, Cradock Veterinary Clinic**  
 Goat: 2  
 Goats were injected sub cutaneously with a macrocyclic lactone behind the shoulder. Huge swellings developed and 7 died.

**Northern Cape**  
**Calvinia, Calvinia Veeartskliniek**  
 Sheep: 3

## Macro Nutritional Problems

### Energy deficiency ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (2)			2.0 (3)	2.3 (6)	3.0 (3)	2.0 (2)	2.0 (4)	

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

<b>Beef</b>	2.0 (1)			2.5 (2)	2.3 (4)	3.0 (2)	2.0 (2)	3.0 (1)	
<b>Dairy</b>						3.0 (1)		1.0 (2)	
<b>Sheep</b>				1.0 (1)	2.5 (2)			3.0 (1)	
<b>Goat</b>	2.0 (1)								

### Mpumalanga

**Nelspruit, Nelspruit Animal Hospital**  
 Beef: 2  
 Related to drought conditions  
 Goat: 2  
 Related to drought conditions

### North West

**Christiana, Christiana Dierehospitaal**  
 Beef: 3  
**Lichtenburg, Silver Cross veterinary Herd Health**  
 Sheep: 1  
**Rustenburg, Bergbos Dierkliniek**  
 Beef: 2

### Free State

**Bothaville, Cape Cross Bothaville Veterinary Hospital**  
 Beef: 2  
**Harrismith, Harrismith Dierehospitaal**  
 Sheep: 2  
**Ladybrand, Ladybrand / Excelsior Dierkliniek**  
 Beef: 3  
**Wesselsbron, Wesselsbron Dierkliniek**  
 Beef: 1  
**Winburg, Winburg Dierkliniek**  
 Beef: 3, Sheep: 3

### Kwazulu-Natal

**Mtubatuba, Mtubatuba Animal Clinic**  
 Beef: 3  
 Drought

**Ulundi, Dr. Ben Muller CCS Vet**

Beef: 3

**Underberg, Underberg Veterinary Surgery**

Dairy: 3

**Eastern Cape****Bathurst, Dr Jane Pistorius**

Beef: 3

**Cradock, Dr. Ilse Jenkinson CCS Vet**

Beef: 1

**Western Cape****Stellenbosch, Stellenbosch Animal Hospital**

Dairy: 1

**Swellendam, Swellendam Dierehospitaal**

Dairy: 1

**Vredenburg, Vredenburg Dierehospitaal**

Beef: 3

Food shortage, green drought

Sheep: 3

Food shortage, green drought

**Protein deficiency**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				2.0 (3)	2.5 (4)	2.7 (3)	1.7 (3)	3.0 (3)	

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

<b>Beef</b>				2.5 (2)	2.3 (3)	3.0 (2)	1.7 (3)	3.0 (1)	
<b>Dairy</b>						2.0 (1)			
<b>Sheep</b>				1.0 (1)	3.0 (1)			3.0 (2)	

**North West****Christiana, Christiana Dierehospitaal**

Beef: 3

**Lichtenburg, Silver Cross veterinary Herd Health**

Sheep: 1

**Rustenburg, Bergbos Dierkliniek**

Beef: 2

**Free State****Ladybrand, Ladybrand / Excelsior Dierkliniek**

Beef: 3

**Wesselsbron, Wesselsbron Dierkliniek**

Beef: 1

**Winburg, Winburg Dierkliniek**

Beef: 3

Zero grazing, animals in very poor condition

Sheep: 3

**Kwazulu-Natal****Mtubatuba, Mtubatuba Animal Clinic**

Beef: 3

Drought

**Ulundi, Dr. Ben Muller CCS Vet**

Beef: 3

**Underberg, Underberg Veterinary Surgery**

Dairy: 2

**Eastern Cape****Aliwal North, Hertzogbrug Dierekliniek**

Beef: 1

**Bathurst, Dr Jane Pistorius**

Beef: 3

**Cradock, Dr. Ilse Jenkinson CCS Vet**

Beef: 1

**Western Cape****Piketberg, Piketberg Dierehospitaal**

Sheep: 3

Little rain, sand impaction

**Vredenburg, Vredenburg Dierehospitaal**

Beef: 3

Food shortage, green drought

Sheep: 3

Food shortage, green drought

**Phosphate deficiency**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				2.3 (3)		2.0 (1)			

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

<b>Beef</b>				2.3 (3)		2.0 (1)			
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**North West****Brits, Brits Dierekliniek**

Beef: 1

**Christiana, Christiana Dierehospitaal**

Beef: 3

**Vryburg, Vryburg Dierehospitaal**

Beef: 3

**Kwazulu-Natal****Newcastle, Ncanduvet Newcastle**

Beef: 2

**Calcium deficiency**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		2.0 (1)		1.0 (1)	2.0 (1)	2.0 (1)		1.5 (2)	

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

<b>Dairy</b>				1.0 (1)		2.0 (1)		1.5 (2)	
<b>Sheep</b>		2.0 (1)			2.0 (1)				

**Gauteng**  
**Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 2

**North West**

**Brits, Brits Dierekliniek**

Dairy: 1

**Free State**

**Vrede, Vrede Dierehospitaal**

Sheep: 2

**Kwazulu-Natal**

**Underberg, Underberg Veterinary Surgery**

Dairy: 2

**Western Cape**

**Caledon, Overberg Veterinary Hospital**

Dairy: 1

**Swellendam, Swellendam Dierehospitaal**

Dairy: 2

**Micro Nutritional Problems**

**Iodine deficiency**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>						2.0 (1)			

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

<b>Dairy</b>						2.0 (1)			
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**Kwazulu-Natal**

**Howick, Howick Veterinary Clinic**

Dairy: 2

**Copper deficiency**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)		1.0 (1)			2.0 (2)			

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

<b>Beef</b>	1.0 (1)		1.0 (1)			1.0 (1)			
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<b>Dairy</b>						3.0 (1)			
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**Mpumalanga**

**Piet Retief, Pets Vet Hospital**

Beef: 1

**Limpopo**

**Mokopane, Dr Henk Visser**

Beef: 1

**Kwazulu-Natal**

**Ulundi, Dr. Ben Muller CCS Vet**

Beef: 1

**Underberg, Underberg Veterinary Surgery**

Dairy: 3

## Zinc deficiency [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				2.0 (1)					

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

<b>Beef</b>				2.0 (1)					
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### North West

#### Vryburg, Vryburg Dierehospitaal

Beef: 2

## Selenium deficiency [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)					3.0 (1)	1.0 (1)		

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

<b>Beef</b>	1.0 (1)								
<b>Dairy</b>						3.0 (1)	1.0 (1)		

### Mpumalanga

#### Piet Retief, Pets Vet Hospital

Beef: 1

### Kwazulu-Natal

#### Underberg, Underberg Veterinary Surgery

Dairy: 3

### Eastern Cape

#### Somerset East, Bosberg Veterinary Clinic

Dairy: 1

## Magnesium deficiency [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				2.0 (1)					

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

<b>Beef</b>				2.0 (1)					
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### North West

#### Vryburg, Vryburg Dierehospitaal

Beef: 2

## Vitamin A deficiency [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	3.0 (1)		1.0 (1)	3.0 (2)		2.0 (2)			

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

<b>Beef</b>	3.0 (1)		1.0 (1)	3.0 (1)		2.0 (2)			
<b>Sheep</b>				3.0 (1)					

#### Mpumalanga

##### Nelspruit, Nelspruit Animal Hospital

Beef: 3

#### Limpopo

##### Mokopane, Dr Henk Visser

Beef: 1

#### North West

##### Christiana, Christiana Dierhospitaal

Beef: 3, Sheep: 3

#### Kwazulu-Natal

##### Pongola, Pongola Animal Clinic

Beef: 2

##### Ulundi, Dr. Ben Muller CCS Vet

Beef: 2

### Vitamin B 1 deficiency



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>						1.0 (1)			

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

<b>Goat</b>						1.0 (1)			
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#### Kwazulu-Natal

##### Camperdown, Camperdown Vet Clinic

Goat: 1

Rumen stasis and nervous symptoms due to thiamine deficiency

### Multi-factorial Disease Conditions

### Abortions



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)		1.5 (2)	2.3 (4)	1.9 (15)	1.9 (10)	2.3 (3)	2.0 (5)	

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

<b>Beef</b>	1.5 (2)		2.3 (3)	1.8 (9)	1.8 (5)	1.0 (1)	
<b>Dairy</b>				3.0 (1)	2.5 (2)	3.0 (1)	1.8 (4)
<b>Sheep</b>		1.0 (1)	2.0 (1)	2.0 (5)	1.0 (1)	3.0 (1)	3.0 (1)
<b>Goat</b>		2.0 (1)			2.0 (2)		

### **Mpumalanga**

#### **Ermelo, Mōregloed Veterinêre Spreekkamer**

Beef: 2

#### **Standerton, Standerton Dierehospitaal**

Beef: 1

### **Limpopo**

#### **Modimolle, Kranskop Dierekliniek**

Sheep: 1

#### **Mokopane, Dr Henk Visser**

Goat: 2

### **North West**

#### **Christiana, Christiana Dierehospitaal**

Beef: 2, Sheep: 2

#### **Lichtenburg, Dr CM Kruger-Rall**

Beef: 3

#### **Vryburg, Vryburg Dierehospitaal**

Beef: 2

### **Free State**

#### **Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 1

Very thin cow aborted. Suspect from energy deficiency. Negative for brucellosis.

Sheep: 1

#### **Clocolan, Clocolan Dierekliniek**

Beef: 3, Dairy: 3

#### **Ficksburg, Oos Vrystaat Diere Produkte**

Beef: 2

Nutritional related

#### **Harrismith, Harrismith Dierehospitaal**

Beef: 2

#### **Hoopstad, Hoopstad Dierekliniek**

Beef: 2, Sheep: 2

#### **Memel, Memel Veterinary Clinic**

Beef: 1

#### **Reitz, Riemland Dierehospitaal**

Beef: 2, Sheep: 2

#### **Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 1, Sheep: 2

#### **Vrede, Vrede Dierehospitaal**

Beef: 2

#### **Winburg, Winburg Dierekliniek**

Sheep: 3

### **Kwazulu-Natal**

#### **Dundee, Endumeni Herd health**

Beef: 1

#### **Howick, Howick Veterinary Clinic**

Beef: 3, Dairy: 3

#### **Mtubatuba, Mtubatuba Animal Clinic**

Beef: 1

#### **Newcastle, Ncanduvet Newcastle**

Beef: 2, Sheep: 1

**Ulundi, Dr. Ben Muller CCS Vet**

Beef: 2, Goat: 2

**Underberg, Underberg Veterinary Surgery**

Dairy: 2

**Vryheid, Dr GH Theron**

Goat: 2

**Eastern Cape****Middelburg (EC), Steynsburg Dierehospitaal**

Sheep: 3

**Somerset East, Bosberg Veterinary Clinic**

Dairy: 3

**Uitenhage, Uitenhage Dierehospitaal**

Beef: 1

**Western Cape****Malmesbury, Bergzicht Dierehospitaal**

Dairy: 1, Sheep: 3

**Riversdale, Riversdal Dierekliniek**

Dairy: 2

**Stellenbosch, Stellenbosch Animal Hospital**

Dairy: 1

**Swellendam, Swellendam Dierehospitaal**

Dairy: 3

**Stillbirths**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					2.3 (3)	3.0 (1)			

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

<b>Dairy</b>					3.0 (1)	3.0 (1)			
<b>Sheep</b>					2.0 (2)				

**Free State****Bothaville, Cape Cross Bothaville Veterinary Hospital**

Sheep: 2

**Clocolan, Clocolan Dierekliniek**

Dairy: 3

**Wesselsbron, Wesselsbron Dierekliniek**

Sheep: 2

**Kwazulu-Natal****Howick, Howick Veterinary Clinic**

Dairy: 3

**Abscesses**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.3 (3)	1.5 (2)	1.0 (2)	2.3 (6)	1.4 (5)	2.0 (6)	2.0 (1)	1.0 (6)	

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



reported							
<b>Beef</b>	3.0 (1)		1.0 (2)	2.3 (4)	1.3 (3)	1.5 (4)	1.0 (1)
<b>Dairy</b>						3.0 (2)	1.0 (3)
<b>Sheep</b>	2.0 (2)	1.0 (1)		3.0 (1)	1.5 (2)		1.0 (1)
<b>Goat</b>		2.0 (1)		2.0 (1)		2.0 (1)	1.0 (1)

### **Mpumalanga**

#### **Ermelo, Môregloed Veterinêre Spreekkamer**

Sheep: 1

#### **Standerton, Standerton Dierehospitaal**

Beef: 3, Sheep: 3

### **Gauteng**

#### **Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic**

Sheep: 1, Goat: 2

### **Limpopo**

#### **Mokopane, Dr Henk Visser**

Beef: 1

#### **Polokwane, Pietersburg Veterinary Clinic**

Beef: 1

### **North West**

#### **Brits, Brits Dierekliniek**

Goat: 2

#### **Christiana, Christiana Dierehospitaal**

Beef: 3, Sheep: 3

#### **Klerksdorp, Klerksdorp Dierehospitaal**

Beef: 2

#### **Lichtenburg, Dr CM Kruger-Rall**

Beef: 1

#### **Stella, Stella Dierekliniek**

Beef: 3

### **Free State**

#### **Bothaville, Cape Cross Bothaville Veterinary Hospital**

Sheep: 2

#### **Bultfontein, Greylingrust Dierespreekkamer**

Beef: 1

#### **Smithfield, Freestate Smithfield SV**

Sheep: 1

*Corynebacterium pseudotuberculosis* - abscess under jaw

#### **Wesselsbron, Wesselsbron Dierekliniek**

Beef: 1

#### **Winburg, Winburg Dierekliniek**

Beef: 2

### **Kwazulu-Natal**

#### **Bergville, Tugela Vet Clinic**

Beef: 2

#### **Estcourt, Estcourt Vet Clinic**

Dairy: 3

#### **Howick, Howick Veterinary Clinic**

Beef: 2, Dairy: 3

#### **Pongola, Pongola Animal Clinic**

Beef: 1

#### **Ulundi, Dr. Ben Muller CCS Vet**

Beef: 1

### **Eastern Cape**

**Graaff-Reinet, Graaff Reinet Veterinary Clinic**

Goat: 2

**Western Cape****Beaufort West, Beaufort West State Vet**

Goat: 1

Angora with abscess in the cerebellum - Bont-legged tick might cause the problem in goats if ticks situated at the caudal horn base

**Caledon, Overberg Veterinary Hospital**

Dairy: 1

**Malmesbury, Bergzicht Dierehospitaal**

Beef: 1, Sheep: 1

**Stellenbosch, Stellenbosch Animal Hospital**

Dairy: 1

**Swellendam, Swellendam Dierehospitaal**

Dairy: 1

**Abscesses in general**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		1.0 (1)		2.0 (2)	1.5 (2)	2.5 (2)	3.0 (1)	2.0 (1)	

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

<b>Beef</b>				2.0 (2)	2.0 (1)	2.0 (1)			
<b>Dairy</b>		1.0 (1)				3.0 (1)		2.0 (1)	
<b>Sheep</b>					1.0 (1)		3.0 (1)		

**Gauteng****Pretoria, Dr Rosaly Steyn (LNR) CSS vet**

Dairy: 1

**North West****Brits, Brits Dierekliniek**

Beef: 2

**Vryburg, Vryburg Dierehospitaal**

Beef: 2

**Free State****Memel, Memel Veterinary Clinic**

Sheep: 1

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2

**Kwazulu-Natal****Estcourt, Estcourt Vet Clinic**

Dairy: 3

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Eastern Cape****Middelburg (EC), Steynsburg Dierehospitaal**

Sheep: 3

Udder abscesses, seen during screening, *Corynebacterium pseudotuberculosis* (CLA) on the increase**Western Cape****Riversdale, Riversdal Dierekliniek**

Dairy: 2

## Bladder stones [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (1)				1.0 (2)		1.0 (1)		

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

<b>Sheep</b>	2.0 (1)				1.0 (2)				
<b>Goat</b>							1.0 (1)		

### Mpumalanga

#### Ermelo, Môregloed Veterinêre Spreekkamer

Sheep: 2

### Free State

#### Hoopstad, Hoopstad Dierekliniek

Sheep: 1

#### Reitz, Riemland Dierehospitaal

Sheep: 1

### Eastern Cape

#### Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 1

## Blindness [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				2.0 (1)	1.7 (3)	1.0 (1)		1.0 (1)	

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

<b>Beef</b>					1.5 (2)	1.0 (1)			
<b>Sheep</b>				2.0 (1)	2.0 (1)			1.0 (1)	

### North West

#### Vryburg, Vryburg Dierehospitaal

Sheep: 2

### Free State

#### Harrismith, Harrismith Dierehospitaal

Sheep: 2

#### Reitz, Riemland Dierehospitaal

Beef: 2

#### Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

### Kwazulu-Natal

#### Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

### Western Cape

#### Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 1

## Bloat

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)				2.5 (2)	1.0 (1)			

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

<b>Beef</b>	1.0 (1)				2.5 (2)				
<b>Goat</b>						1.0 (1)			

### Mpumalanga

#### Bethal, Bethal Dierekliniek

Beef: 1

### Free State

#### Clocolan, Clocolan Dierekliniek

Beef: 3

#### Reitz, Riemland Dierehospitaal

Beef: 2

### Kwazulu-Natal

#### Mtubatuba, Mtubatuba Animal Clinic

Goat: 1

## Blue udder

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)	2.0 (1)			1.7 (3)		3.0 (1)	2.0 (4)	

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

<b>Dairy</b>								2.0 (1)	
<b>Sheep</b>	1.0 (1)	2.0 (1)			1.7 (3)		3.0 (1)	2.0 (2)	
<b>Goat</b>								2.0 (1)	

### Mpumalanga

#### Volkswest, Cape Cross Volkswest Dierehospitaal

Sheep: 1

### Gauteng

#### Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

### Free State

#### Frankfort, Frankfort Dierekliniek

Sheep: 2

#### Reitz, Riemland Dierehospitaal

Sheep: 2

#### Vrede, Vrede Dierehospitaal

Sheep: 1

### Eastern Cape

**Cradock, Cradock Veterinary Clinic**

Sheep: 3

*Mannheimia haemolytica* strain 14, continuous problem**Western Cape****Heidelberg (WC), Heidelberg Dierekliniek**

Sheep: 2

**Riversdale, Riversdal Dierekliniek**

Goat: 2

**Stellenbosch, Stellenbosch Animal Hospital**

Dairy: 2

*E. coli*/*Klebsiella***Wellington, Wellington Dierehospitaal**

Sheep: 2

**Diarrhoea**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.3 (3)	2.0 (1)	2.0 (1)	2.2 (5)	2.5 (13)	2.1 (7)	1.5 (2)	1.3 (3)	

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

<b>Beef</b>	3.0 (1)	2.0 (1)	2.0 (1)	1.5 (2)	2.3 (4)	2.0 (1)	1.0 (1)		
<b>Dairy</b>	2.0 (1)				3.0 (1)	2.7 (3)		1.3 (3)	
<b>Sheep</b>	2.0 (1)			2.7 (3)	2.5 (8)		2.0 (1)		
<b>Goat</b>						1.7 (3)			

**Mpumalanga****Balfour, Balfour Dierekliniek**

Dairy: 2

Dairy calves probably *E. coli***Grootvlei, Grootvlei Dierekliniek**

Sheep: 2

**Standerton, Standerton Dierehospitaal**

Beef: 3

**Gauteng****Pretoria, Anima Veterinary Consulting Rooms**

Beef: 2

**Limpopo****Polokwane, Pietersburg Veterinary Clinic**

Beef: 2

**North West****Christiana, Christiana Dierehospitaal**

Beef: 2

**Klerksdorp, Klerksdorp Dierehospitaal**

Sheep: 2

**Lichtenburg, Silver Cross veterinary Herd Health**

Beef: 1

**Stella, Stella Dierekliniek**

Sheep: 3

**Vryburg, Vryburg Dierehospitaal**

Sheep: 3

**Free State**

**Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 2

**Clocolan, Clocolan Dierekliniek**

Beef: 3, Dairy: 3, Sheep: 3

**Frankfort, Frankfort Dierekliniek**

Sheep: 3

**Kroonstad, Kroonstad Dierehospitaal**

Sheep: 3

*Cryptosporidium***Ladybrand, Ladybrand / Excelsior Dierekliniek**

Sheep: 2

**Memel, Memel Veterinary Clinic**

Sheep: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2, Sheep: 2

**Wesselsbron, Wesselsbron Dierekliniek**

Sheep: 3

**Winburg, Winburg Dierekliniek**

Beef: 2, Sheep: 2

*E. coli* and *Cryptosporidia***Kwazulu-Natal****Bergville, Tugela Vet Clinic**

Goat: 1

**Dundee, Endumeni Herd health**

Dairy: 2

**Howick, Howick Veterinary Clinic**

Dairy: 3

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2, Goat: 2

**Ulundi, Dr. Ben Muller CCS Vet**

Goat: 2

**Underberg, Underberg Veterinary Surgery**

Dairy: 3

**Eastern Cape****Graaff-Reinet, Graaff Reinet Veterinary Clinic**

Sheep: 2

**Uitenhage, Uitenhage Dierehospitaal**

Beef: 1

**Western Cape****Caledon, Overberg Veterinary Hospital**

Dairy: 1

**Riversdale, Riversdal Dierekliniek**

Dairy: 2

**Swellendam, Swellendam Dierehospitaal**

Dairy: 1

**Epididymitis**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					3.0 (1)			1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Sheep</b>					3.0 (1)			1.0 (1)	

**Free State****Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 3

**Western Cape****Heidelberg (WC), Heidelberg Dierekliniek**

Sheep: 1

**Eye Cancer**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (2)	1.0 (1)			1.3 (4)	1.5 (4)		1.0 (2)	

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

<b>Beef</b>		1.0 (1)			1.0 (2)	1.0 (3)			
<b>Dairy</b>					1.5 (2)	3.0 (1)		1.0 (2)	
<b>Sheep</b>	1.0 (2)								

**Mpumalanga****Ermelo, Môregloed Veterinêre Spreekkamer**

Sheep: 1

**Grootvlei, Grootvlei Dierekliniek**

Sheep: 1

**Gauteng****Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 1

**Free State****Bultfontein, Greylingrust Dieresprekkamer**

Beef: 1

**Reitz, Riemland Dierehospitaal**

Dairy: 2

**Vrede, Vrede Dierehospitaal**

Dairy: 1

**Wesselsbron, Wesselsbron Dierekliniek**

Beef: 1

**Kwazulu-Natal****Dundee, Endumeni Herd health**

Beef: 1

**Howick, Howick Veterinary Clinic**

Dairy: 3

**Mooi River, Mooirivier Vet Clinic**

Beef: 1

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 1

**Western Cape****Malmesbury, Bergzicht Dierehospitaal**

Dairy: 1

**Stellenbosch, Stellenbosch Animal Hospital**

Dairy: 1

**Eye infections**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.8 (4)		1.0 (1)	2.5 (6)	2.3 (8)	2.1 (17)	2.6 (5)	1.8 (5)	

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

<b>Beef</b>	2.7 (3)		1.0 (1)	2.8 (4)	2.0 (4)	1.9 (7)	2.0 (2)	1.7 (3)	
<b>Dairy</b>						2.7 (3)	3.0 (1)	2.0 (2)	
<b>Sheep</b>	3.0 (1)			3.0 (1)	2.5 (4)	2.3 (3)	3.0 (1)		
<b>Goat</b>				1.0 (1)		2.0 (4)	3.0 (1)		

### Mpumalanga

#### Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 2

#### Standerton, Standerton Dierehospitaal

Beef: 3

#### Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 3, Sheep: 3

### Limpopo

#### Polokwane, Pietersburg Veterinary Clinic

Beef: 1

### North West

#### Brits, Brits Dierekliniek

Goat: 1

#### Christiana, Christiana Dierehospitaal

Beef: 3

#### Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

#### Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

#### Lichtenburg, Dr CM Kruger-Rall

Sheep: 3

Infectious kerato-conjunctivitis

#### Lichtenburg, Silver Cross veterinary Herd Health

Beef: 3

### Free State

#### Bultfontein, Greylingrust Diersprekkamer

Beef: 2

#### Dewetsdorp, Platkop Dierekliniek

Beef: 2, Sheep: 2

#### Reitz, Riemland Dierehospitaal

Beef: 2, Sheep: 2

#### Smithfield, Freestate Smithfield SV

Sheep: 3

#### Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2

#### Winburg, Winburg Dierekliniek

Sheep: 3

### Kwazulu-Natal

#### Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2, Goat: 2

#### Dundee, Endumeni Herd health



Beef: 1, Dairy: 2

**Howick, Howick Veterinary Clinic**

Beef: 2, Dairy: 3

**Ingogo, Gen XY Stud Beef Consultancy**

Beef: 2

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2, Goat: 2

**Pongola, Pongola Animal Clinic**

Beef: 2, Goat: 2

**Ulundi, Dr. Ben Muller CCS Vet**

Beef: 2

Suspect *Moraxella*, many animals with warts have concurrent eye lesions

**Underberg, Underberg Veterinary Surgery**

Dairy: 3, Sheep: 3

**Vryheid, Dr GH Theron**

Sheep: 2, Goat: 2

**Eastern Cape**

**Aliwal North, Hertzogbrug Dierekliniek**

Beef: 2

**Bathurst, Dr Jane Pistorius**

Beef: 2

**Middelburg (EC), Steynsburg Dierehospitaal**

Sheep: 3

**Somerset East, Bosberg Veterinary Clinic**

Dairy: 3, Goat: 3

**Western Cape**

**Caledon, Overberg Veterinary Hospital**

Beef: 2

**Malmesbury, Bergzicht Dierehospitaal**

Beef: 2, Dairy: 3

**Stellenbosch, Stellenbosch Animal Hospital**

Beef: 1

**Swellendam, Swellendam Dierehospitaal**

Dairy: 1

**Joint Ill**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.7 (3)	1.7 (3)		2.0 (2)		1.0 (2)	1.0 (2)		

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

<b>Beef</b>	1.5 (2)	1.5 (2)		2.0 (2)		1.0 (1)			
<b>Dairy</b>						1.0 (1)	1.0 (1)		
<b>Sheep</b>	2.0 (1)	2.0 (1)							
<b>Goat</b>							1.0 (1)		

**Mpumalanga**

**Nelspruit, Nelspruit Animal Hospital**

Beef: 1

**Standerton, Standerton Dierehospitaal**

Beef: 2, Sheep: 2

**Gauteng**

**Pretoria, Anima Veterinary Consulting Rooms**

Beef: 2, Sheep: 2

**Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic**

Beef: 1

Septic arthritis

**North West**

**Brits, Brits Dierekliniek**

Beef: 1

**Christiana, Christiana Dierehospitaal**

Beef: 3

**Kwazulu-Natal**

**Underberg, Underberg Veterinary Surgery**

Dairy: 1

**Vryheid, Dr GH Theron**

Beef: 1

**Eastern Cape**

**Graaff-Reinet, Graaff Reinet Veterinary Clinic**

Goat: 1

**Somerset East, Bosberg Veterinary Clinic**

Dairy: 1

**Lameness/Foot Problems**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.4 (5)	2.5 (2)	1.0 (1)	2.0 (4)	2.0 (5)	2.4 (5)	1.7 (3)	2.1 (7)	

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

<b>Beef</b>	2.3 (4)		1.0 (1)	2.0 (4)	2.0 (5)	2.0 (2)	1.0 (1)		
<b>Dairy</b>						2.7 (3)		2.3 (6)	
<b>Sheep</b>	3.0 (1)	2.5 (2)					2.0 (1)	1.0 (1)	
<b>Goat</b>							2.0 (1)		

**Mpumalanga**

**Ermelo, Mōregloed Veterinêre Spreekkamer**

Beef: 2

**Grootvlei, Grootvlei Dierekliniek**

Beef: 2

**Middelburg, Middelburg Dierehospitaal**

Beef: 2

**Standerton, Standerton Dierehospitaal**

Beef: 3, Sheep: 3

**Gauteng**

**Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 2

**Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic**

Sheep: 3

**Limpopo**

**Polokwane, Pietersburg Veterinary Clinic**

Beef: 1

**North West**

**Brits, Brits Dierekliniek**

Beef: 1

**Christiana, Christiana Dierehospitaal**

Beef: 3

**Lichtenburg, Silver Cross veterinary Herd Health**

Beef: 2

**Vryburg, Vryburg Dierehospitaal**

Beef: 2

**Free State****Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 2

**Bultfontein, Greylingrust Dieresprekkamer**

Beef: 2

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 2

**Memel, Memel Veterinary Clinic**

Beef: 2

**Winburg, Winburg Dierekliniek**

Beef: 2

**Kwazulu-Natal****Dundee, Endumeni Herd health**

Dairy: 2

**Estcourt, Estcourt Vet Clinic**

Dairy: 3

**Howick, Howick Veterinary Clinic**

Dairy: 3

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 3

**Ulundi, Dr. Ben Muller CCS Vet**

Beef: 1

**Eastern Cape****Aliwal North, Hertzogbrug Dierekliniek**

Beef: 1

**Graaff-Reinet, Graaff Reinet Veterinary Clinic**

Sheep: 2, Goat: 2

**Western Cape****Heidelberg (WC), Heidelberg Dierekliniek**

Dairy: 2

**Malmesbury, Bergzicht Dierehospitaal**

Dairy: 3

**Malmesbury, Dr Otto Kriek**

Dairy: 3

This remains one of the greatest challenges in our part of the world at this time of the year despite the current drought conditions. On a number of farms paddocks get scraped and cattle are allowed to come in contact with the newly exposed surface . Needless to say that this freshly exposed surface is a rich environment for all sorts of pathogenic micro-organisms that cause metritis, mastitis and foot problems. Allowing sufficient time for the sun's rays and disinfectants to "sterilise " the kraals.

**Oudtshoorn, Oudtshoorn Dierekliniek**

Sheep: 1

**Riversdale, Riversdal Dierekliniek**

Dairy: 2

**Stellenbosch, Stellenbosch Animal Hospital**

Dairy: 1

**Swellendam, Swellendam Dierehospitaal**

Dairy: 3

Lung infection									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.8 (5)	1.3 (4)	2.0 (2)	2.3 (6)	2.3 (16)	2.4 (16)	1.4 (5)	1.9 (8)	1.0 (1)

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

<b>Beef</b>	2.8 (4)		2.0 (1)	2.5 (4)	2.4 (8)	2.5 (8)	1.3 (3)		1.0 (1)
<b>Dairy</b>		1.0 (1)			2.0 (2)	2.7 (3)		2.0 (4)	
<b>Sheep</b>	3.0 (1)	1.5 (2)	2.0 (1)	2.0 (1)	2.2 (5)	2.3 (4)	1.5 (2)	1.7 (3)	
<b>Goat</b>		1.0 (1)		2.0 (1)	2.0 (1)	2.0 (1)		2.0 (1)	

### **Mpumalanga**

#### **Grootvlei, Grootvlei Dierekliniek**

Beef: 3

#### **Middelburg, Middelburg Dierehospitaal**

Beef: 2

#### **Standerton, Econovet**

Beef: 3

#### **Standerton, Standerton Dierehospitaal**

Beef: 3

Increasing

Sheep: 3

### **Gauteng**

#### **Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 1

*Pasteurella multocida* (O 1)

#### **Pretoria, Dr Rosaly Steyn (LNR) CSS vet**

Dairy: 1

#### **Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic**

Sheep: 2

Eight cases

Goat: 1

Pasteurellosis

### **Limpopo**

#### **Polokwane, Pietersburg Veterinary Clinic**

Beef: 2, Sheep: 2

### **North West**

#### **Christiana, Christiana Dierehospitaal**

Beef: 3

#### **Klerksdorp, Klerksdorp Dierehospitaal**

Beef: 2

#### **Lichtenburg, Dr CM Kruger-Rall**

Beef: 3

Pasteurellosis

#### **Vryburg, Vryburg Dierehospitaal**

Beef: 2, Sheep: 2, Goat: 2

### **Free State**

#### **Bethlehem, Bethlehem Animal Hospital**

Beef: 2

Pasteurellosis

#### **Bothaville, Cape Cross Bothaville Veterinary Hospital**

Goat: 2

#### **Clocolan, Clocolan Dierekliniek**

Beef: 3, Dairy: 2, Sheep: 3

#### **Dewetsdorp, Platkop Dierekliniek**

Sheep: 2

#### **Frankfort, Frankfort Dierekliniek**

Beef: 3

**Harrismith, Harrismith Dierehospitaal**

Beef: 1, Sheep: 1

**Hertzogville, Hertzogville Dierekliniek**

Beef: 3

Viral associated

**Reitz, Riemland Dierehospitaal**

Beef: 3, Dairy: 2, Sheep: 3

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2, Sheep: 2

**Winburg, Winburg Dierekliniek**

Beef: 2

*Mannheimia haemolyticum*

**Kwazulu-Natal**

**Bergville, Tugela Vet Clinic**

Beef: 2, Sheep: 2, Goat: 2

**Dundee, Endumeni Herd health**

Beef: 2, Dairy: 2, Sheep: 2

**Estcourt, Estcourt Vet Clinic**

Beef: 3

**Howick, Howick Veterinary Clinic**

Beef: 3, Dairy: 3

**Mooi River, Moirivier Vet Clinic**

Sheep: 2

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Pietermaritzburg, Dr Rick Mapham Consultancy**

Beef: 3

General respiratory diseases

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 3

**Ulundi, Dr. Ben Muller CCS Vet**

Sheep: 3

Many farmers come in to complain about coughing small stock, I have seen 3 communal flocks now, all of them I suspect simply dust (dry summer) and the fact that they spend half the day in the kraal, no deaths yet. Nasal worms could also contribute but I advise against treatment as none of the communal animals are vaccinated against Clostridial disease.

**Underberg, Underberg Veterinary Surgery**

Dairy: 3

**Vryheid, Dr GH Theron**

Beef: 2

**Eastern Cape**

**Bathurst, Dr Jane Pistorius**

Sheep: 1

Pasteurellosis

**Cradock, Dr. Ilse Jenkinson CCS Vet**

Beef: 1

**Graaff-Reinet, Camdeboo Veterinary Clinic**

Beef: 1

**Somerset East, Bosberg Veterinary Clinic**

Beef: 2, Sheep: 2

**Western Cape**

**Beaufort West, Beaufort West State Vet**

Goat: 2

Angoras developed aspiration pneumonia after aspirating dip - dip tank

**Darling, Darling Dierekliniek**

Sheep: 2

Lambs – Riebeek-Kasteel

**George, George Herd Heath Consult**

Dairy: 3

Dairy calves

**Heidelberg (WC), Heidelberg Dierekliniek**

Sheep: 2

**Malmesbury, Bergzicht Dierehospitaal**

Sheep: 1

**Malmesbury, Dr Otto Kriek**

Dairy: 2

**Riversdale, Riversdal Dierekliniek**

Dairy: 1

**Wellington, Wellington Dierehospitaal**

Dairy: 2

Calves - pasteurellosis

**Northern Cape**

**Kimberley, Kimberley Dierekliniek**

Beef: 1

## Mastitis in general

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.4 (5)	1.0 (1)	1.0 (1)	1.0 (1)	2.0 (2)	2.6 (5)	3.0 (1)	2.3 (7)	

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

<b>Beef</b>	1.0 (3)		1.0 (1)	1.0 (1)		2.0 (1)			
<b>Dairy</b>	2.0 (2)	1.0 (1)			2.0 (2)	2.8 (4)	3.0 (1)	2.3 (7)	

**Mpumalanga**

**Bethal, Bethal Dierekliniek**

Beef: 1, Dairy: 1

**Delmas, Delmas Dierekliniek**

Dairy: 3

Late rains in North West, Gauteng and Mpumalanga increase in *E. coli* infections - mastitis, calf diarrhoea and lamb mortalities. Somatic cell counts increased dramatically in dairy herds due to muddy kraals. Drop in milk production.

**Grootvlei, Grootvlei Dierekliniek**

Beef: 1

**Volkswest, Cape Cross Volkswest Dierehospitaal**

Beef: 1

**Gauteng**

**Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic**

Dairy: 1

Udder haematoma

**Limpopo**

**Polokwane, Pietersburg Veterinary Clinic**

Beef: 1

**North West**

**Christiana, Christiana Dierehospitaal**

Beef: 1

**Free State**

**Clocolan, Clocolan Dierekliniek**

Dairy: 2

**Vrede, Vrede Dierehospitaal**

Dairy: 2

**Kwazulu-Natal**

**Dundee, Endumeni Herd health**

Dairy: 2

**Estcourt, Estcourt Vet Clinic**

Dairy: 3

**Howick, Howick Veterinary Clinic**

Dairy: 3

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Underberg, Underberg Veterinary Surgery**

Dairy: 3

**Eastern Cape****Somerset East, Bosberg Veterinary Clinic**

Dairy: 3

**Western Cape****Caledon, Overberg Veterinary Hospital**

Dairy: 1

**Heidelberg (WC), Heidelberg Dierekliniek**

Dairy: 2

**Malmesbury, Dr Otto Kriek**

Dairy: 3

This remains one of the greatest challenges in our part of the world at this time of the year despite the current drought conditions. On a number of farms paddocks get scraped and cattle are allowed to come in contact with the newly exposed surface. Needless to say that this freshly exposed surface is a rich environment for all sorts of pathogenic micro-organisms that cause metritis, mastitis and foot problems. Allowing sufficient time for the sun's rays and disinfectants to "sterilise" the kraals.

**Oudtshoorn, Deltamune**

Dairy: 3

Nationwide

**Riversdale, Riversdal Dierekliniek**

Dairy: 2

**Stellenbosch, Stellenbosch Animal Hospital**

Dairy: 2

**Swellendam, Swellendam Dierehospitaal**

Dairy: 3

Navel Ill									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.7 (3)	2.0 (1)	2.0 (1)			

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

Beef				1.7 (3)	2.0 (1)				
Dairy						2.0 (1)			

**North West****Brits, Brits Dierekliniek**

Beef: 1

**Christiana, Christiana Dierehospitaal**

Beef: 2

**Vryburg, Vryburg Dierehospitaal**

Beef: 2

**Free State****Bultfontein, Greylingrust Dierespreekkamer**

Beef: 2

**Kwazulu-Natal****Underberg, Underberg Veterinary Surgery**

Dairy: 2

**Red gut (Sheep)**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					2.0 (2)			2.0 (1)	

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

<b>Sheep</b>					2.0 (2)			2.0 (1)	
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**Free State****Dewetsdorp, Platkop Dierekliniek**

Sheep: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 2

**Western Cape****Malmesbury, Bergzigt Dierehospitaal**

Sheep: 2

**Trauma**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		1.0 (2)		1.0 (1)		1.0 (1)	1.0 (1)	1.5 (2)	

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

<b>Beef</b>		1.0 (1)		1.0 (1)		1.0 (1)			
<b>Dairy</b>							1.0 (1)	2.0 (1)	
<b>Goat</b>		1.0 (1)						1.0 (1)	

**Gauteng****Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic**

Beef: 1

Fractures

Goat: 1

Fractures

**North West****Brits, Brits Dierekliniek**

Beef: 1

**Kwazulu-Natal****Mtubatuba, Mtubatuba Animal Clinic**

Beef: 1

**Eastern Cape****Somerset East, Bosberg Veterinary Clinic**

Dairy: 1

Traumatic pericarditis, wire

**Western Cape**



**Riversdale, Riversdal Dierekliniek**

Dairy: 2, Goat: 1

Downer									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		1.0 (2)		1.3 (3)	1.8 (4)	2.5 (2)		1.0 (1)	

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

<b>Beef</b>		1.0 (1)		1.5 (2)	1.7 (3)	2.5 (2)			
<b>Dairy</b>		1.0 (1)		1.0 (1)	2.0 (1)			1.0 (1)	

**Gauteng****Pretoria, Dr Rosaly Steyn (LNR) CSS vet**

Dairy: 1

**Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic**

Beef: 1

**North West****Brits, Brits Dierekliniek**

Beef: 1, Dairy: 1

**Vryburg, Vryburg Dierehospitaal**

Beef: 2

**Free State****Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 1

**Bultfontein, Greylingrust Dierespreekkamer**

Beef: 2

**Clocolan, Clocolan Dierekliniek**

Dairy: 2

**Dewetsdorp, Platkop Dierekliniek**

Beef: 2

**Kwazulu-Natal****Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

Drought

**Underberg, Waterford Farm, Underberg**

Beef: 3

Losses of cattle getting stuck in mud due to malnutrition as winter sets in.

**Western Cape****Riversdale, Riversdal Dierekliniek**

Dairy: 1

Other									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		1.0 (2)						2.0 (1)	

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

<b>Beef</b>		1.0 (1)							
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**Sheep** 1.0 (1) 2.0 (1)

**Gauteng**

**Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic**

Beef: 1

Vagal indigestion

Sheep: 1

Mastectomy

**Western Cape**

**Beaufort West, Beaufort West State Vet**

Sheep: 2

Ill thrift among Merinos affecting approx 2% of flock Severe anaemia - no parasites Suspicious for Eperythrozoonosis and cobalt deficiency

**Metabolic Diseases**

**Acidosis** ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)			2.3 (3)	2.0 (4)	1.0 (2)		2.7 (3)	

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

<b>Beef</b>	1.5 (2)			2.5 (2)	1.5 (2)	1.0 (1)			
<b>Dairy</b>						1.0 (1)		2.5 (2)	
<b>Sheep</b>				2.0 (1)	2.5 (2)			3.0 (1)	

**Mpumalanga**

**Grootvlei, Grootvlei Dierekliniek**

Beef: 2

**Piet Retief, Pets Vet Hospital**

Beef: 1

**North West**

**Brits, Brits Dierekliniek**

Sheep: 2

**Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 2

Cattle graze in maize fields - still green and wet

**Vryburg, Vryburg Dierehospitaal**

Beef: 3

**Free State**

**Bultfontein, Greylingrust Diersprekkamer**

Sheep: 2

**Frankfort, Frankfort Dierekliniek**

Sheep: 3

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 1

**Reitz, Riemland Dierehospitaal**

Beef: 2

**Kwazulu-Natal**

**Dundee, Endumeni Herd health**

Dairy: 1

**Mooi River, Mooirivier Vet Clinic**

Beef: 1

## Western Cape

### Malmesbury, Dr Otto Kriek

Dairy: 3

When pursuing high milk yields and rapid weight gain an intensive TMR feeding system always borders on a potential rumen acidosis challenge in quite a number of animals in any given herd. It is so important for the Vet, the Nutritionist and the Farmer to monitor the roughage/concentrate ratio carefully in order to avoid unnecessary losses.

### Oudtshoorn, Oudtshoorn Dierekliniek

Sheep: 3

One farmer lost 20 Dorper ewes overnight due to acidosis - feeding chopped pomagranites mixed in lucerne hay.

### Riversdale, Riversdal Dierekliniek

Dairy: 2

## Displaced abomasum

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						1.3 (3)	3.0 (1)		

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

Dairy						1.3 (3)	3.0 (1)		
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## Kwazulu-Natal

### Dundee, Endumeni Herd health

Dairy: 1

### Estcourt, Estcourt Vet Clinic

Dairy: 1

### Howick, Howick Veterinary Clinic

Dairy: 2

## Eastern Cape

### Somerset East, Bosberg Veterinary Clinic

Dairy: 3

Two left displaced; 1 right displaced

## Ketosis

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.0 (1)			2.0 (2)	2.0 (1)		1.0 (1)	

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

Dairy	1.0 (1)				2.0 (1)	2.0 (1)			
Sheep		1.0 (1)			2.0 (1)				
Goat								1.0 (1)	

## Mpumalanga

### Bethal, Bethal Dierekliniek

Dairy: 1

## Gauteng

### Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 1

**Free State**  
**Harrismith, Harrismith Dierehospitaal**

Sheep: 2

**Reitz, Riemland Dierehospitaal**

Dairy: 2

**Kwazulu-Natal**

**Howick, Howick Veterinary Clinic**

Dairy: 2

**Western Cape**

**Riversdale, Riversdal Dierekliniek**

Goat: 1

**Milk Fever** [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				2.0 (1)	2.0 (2)	2.0 (2)		1.0 (1)	

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

<b>Beef</b>				2.0 (1)					
<b>Dairy</b>					2.0 (1)	2.0 (2)		1.0 (1)	
<b>Sheep</b>					2.0 (1)				

**North West**

**Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 2

**Free State**

**Clocolan, Clocolan Dierekliniek**

Dairy: 2

**Reitz, Riemland Dierehospitaal**

Sheep: 2

**Kwazulu-Natal**

**Estcourt, Estcourt Vet Clinic**

Dairy: 1

**Howick, Howick Veterinary Clinic**

Dairy: 3

**Western Cape**

**Stellenbosch, Stellenbosch Animal Hospital**

Dairy: 1

**Reproductive diseases**

**Dystocia (Difficult Births)** [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.8 (12)	1.5 (2)	1.3 (6)	2.0 (4)	1.9 (16)	2.0 (13)	1.5 (4)	1.5 (8)	

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

reported								
<b>Beef</b>	2.0 (8)	2.0 (1)	1.0 (1)	2.0 (4)	1.8 (11)	1.8 (8)	1.3 (3)	1.0 (2)
<b>Dairy</b>						3.0 (2)	2.0 (1)	2.0 (3)
<b>Sheep</b>	1.5 (2)	1.0 (1)	1.0 (2)		2.0 (5)	2.5 (2)		1.5 (2)
<b>Goat</b>	1.0 (2)		1.7 (3)			1.0 (1)		1.0 (1)

### **Mpumalanga**

#### **Balfour, Balfour Dierekliniek**

Beef: 2

#### **Bethal, Bethal Dierekliniek**

Beef: 2, Sheep: 1, Goat: 1

#### **Ermelo, Mōregloed Veterinêre Spreekkamer**

Beef: 1, Goat: 1

#### **Grootvlei, Grootvlei Dierekliniek**

Beef: 2

#### **Middelburg, Middelburg Dierehospitaal**

Beef: 3

#### **Nelspruit, Nelspruit Animal Hospital**

Beef: 1

#### **Standerton, Standerton Dierehospitaal**

Beef: 3

#### **Volksrust, Cape Cross Volksrust Dierehospitaal**

Beef: 2, Sheep: 2

### **Gauteng**

#### **Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic**

Beef: 2

Four cases

Sheep: 1

### **Limpopo**

#### **Bela-Bela, Warmbad Dierekliniek**

Goat: 2

#### **Modimolle, Kranskop Dierekliniek**

Goat: 2

#### **Mokopane, Dr Henk Visser**

Sheep: 1

#### **Polokwane, Pietersburg Veterinary Clinic**

Beef: 1, Sheep: 1, Goat: 1

### **North West**

#### **Brits, Brits Dierekliniek**

Beef: 2

#### **Christiana, Christiana Dierehospitaal**

Beef: 2

#### **Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 3

#### **Stella, Stella Dierekliniek**

Beef: 1

### **Free State**

#### **Bethlehem, Bethlehem Animal Hospital**

Sheep: 2

#### **Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 2

#### **Clocolan, Clocolan Dierekliniek**

Beef: 2, Sheep: 2

#### **Frankfort, Frankfort Dierekliniek**

Beef: 2

#### **Hertzogville, Hertzogville Dierekliniek**

Beef: 2

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 2

**Memel, Memel Veterinary Clinic**

Beef: 1

**Reitz, Riemland Dierehospitaal**

Beef: 2, Sheep: 2

**Viljoenskroon, Viljoenskroon Dierekliniek**

Beef: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2, Sheep: 2

**Vrede, Vrede Dierehospitaal**

Beef: 2

**Wesselsbron, Wesselsbron Dierekliniek**

Sheep: 2

**Winburg, Winburg Dierekliniek**

Beef: 1

**Kwazulu-Natal**

**Bergville, Bergville Veterinary Clinic**

Beef: 2

**Camperdown, Camperdown Vet Clinic**

Goat: 1

**Dundee, Endumeni Herd health**

Beef: 2

**Estcourt, Estcourt Vet Clinic**

Beef: 1

**Howick, Howick Veterinary Clinic**

Beef: 2, Dairy: 3

**Kokstad, E.G.Veterinary Services**

Sheep: 2

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 1

**Newcastle, Ncanduvet Newcastle**

Beef: 3

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 2

**Underberg, Underberg Veterinary Surgery**

Dairy: 3, Sheep: 3

**Vryheid, Dr GH Theron**

Beef: 1

**Eastern Cape**

**Graaff-Reinet, Camdeboo Veterinary Clinic**

Beef: 1

**Graaff-Reinet, Graaff Reinet Veterinary Clinic**

Beef: 1

**Kareedouw, Tenax Vet Clinic**

Beef: 2

Four dystocias

**Somerset East, Bosberg Veterinary Clinic**

Dairy: 2

**Western Cape**

**Caledon, Overberg Veterinary Hospital**

Beef: 1, Sheep: 1

**Malmesbury, Bergzicht Dierehospitaal**

Sheep: 2

**Riversdale, Riversdal Dierekliniek**

Dairy: 2, Goat: 1

**Stellenbosch, Stellenbosch Animal Hospital**

Beef: 1, Dairy: 1

**Swellendam, Swellendam Dierehospitaal**

Dairy: 3

## Endometritis [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		2.0 (1)			1.0 (1)	1.7 (3)		2.5 (2)	

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

<b>Beef</b>					1.0 (1)	1.0 (2)			
<b>Dairy</b>		2.0 (1)				3.0 (1)		2.5 (2)	

### Gauteng

**Pretoria, Dr Rosaly Steyn (LNR) CSS vet**

Dairy: 2

### Free State

**Harrismith, Harrismith Dierehospitaal**

Beef: 1

### Kwazulu-Natal

**Dundee, Endumeni Herd health**

Beef: 1

**Howick, Howick Veterinary Clinic**

Dairy: 3

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 1

### Western Cape

**Heidelberg (WC), Heidelberg Dierekliniek**

Dairy: 2

**Malmesbury, Bergzigt Dierehospitaal**

Dairy: 3

## Metritis [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		1.3 (3)		3.0 (1)		3.0 (2)	3.0 (2)	3.0 (2)	

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

<b>Beef</b>				3.0 (1)			3.0 (1)		
<b>Dairy</b>		1.0 (1)				3.0 (2)	3.0 (1)	3.0 (2)	
<b>Sheep</b>		1.5 (2)							

### Gauteng

**Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 2

**Pretoria, Dr Rosaly Steyn (LNR) CSS vet**

Dairy: 1

**Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic**

Sheep: 1

**North West****Christiana, Christiana Dierehospitaal**

Beef: 3

**Kwazulu-Natal****Howick, Howick Veterinary Clinic**

Dairy: 3

**Underberg, Underberg Veterinary Surgery**

Dairy: 3

**Eastern Cape****Kareedouw, Tenax Vet Clinic**

Beef: 3

64 cases

**Somerset East, Bosberg Veterinary Clinic**

Dairy: 3

**Western Cape****Malmesbury, Dr Otto Kriek**

Dairy: 3

This remains one of the greatest challenges in our part of the world at this time of the year despite the current drought conditions. On a number of farms paddocks get scraped and cattle are allowed to come in contact with the newly exposed surface. Needless to say that this freshly exposed surface is a rich environment for all sorts of pathogenic micro-organisms that cause metritis, mastitis and foot problems. Allowing sufficient time for the sun's rays and disinfectants to "sterilise" the kraals.

**Swellendam, Swellendam Dierehospitaal**

Dairy: 3

**Poor conception**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.7 (3)			2.4 (5)	2.2 (11)	2.5 (8)	2.5 (2)	2.0 (3)	

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

<b>Beef</b>	2.7 (3)			2.5 (4)	2.4 (8)	2.3 (6)	2.5 (2)	2.0 (2)	
<b>Dairy</b>				2.0 (1)	1.0 (1)	3.0 (2)		2.0 (1)	
<b>Sheep</b>					2.0 (2)				

**Mpumalanga****Balfour, Balfour Dierekliniek**

Beef: 2

Poor conception (15 to 50%) where supplement feed was not given. Where supplementation was given excellent figures.

**Ermelo, Môregloed Veterinêre Spreekkamer**

Beef: 3

**Standerton, Standerton Dierehospitaal**

Beef: 3

**North West****Brits, Brits Dierekliniek**

Dairy: 2

**Christiana, Christiana Dierehospitaal**

Beef: 3

**Klerksdorp, Klerksdorp Dierehospitaal**

Beef: 1



**Stella, Stella Dierekliniek**

Beef: 3

**Vryburg, Vryburg Dierehospitaal**

Beef: 3

**Free State****Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 3

**Clocolan, Clocolan Dierekliniek**

Beef: 3, Sheep: 3

**Dewetsdorp, Platkop Dierekliniek**

Beef: 1

**Frankfort, Frankfort Dierekliniek**

Beef: 2

**Hertzogville, Hertzogville Dierekliniek**

Beef: 2

20 to 60% conception when doing pregnancy diagnosis

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2, Sheep: 1

**Vrede, Saulshoek Dierepraktyk**

Beef: 3

**Wesselsbron, Wesselsbron Dierekliniek**

Dairy: 1

**Winburg, Winburg Dierekliniek**

Beef: 3

**Kwazulu-Natal****Bergville, Bergville Veterinary Clinic**

Beef: 2

**Dundee, Endumeni Herd health**

Beef: 2

**Howick, Howick Veterinary Clinic**

Dairy: 3

**Kokstad, E.G.Veterinary Services**

Beef: 3

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

Drought

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 3

Fertility problems due to the drought

**Underberg, Underberg Veterinary Surgery**

Dairy: 3

**Vryheid, Dr GH Theron**

Beef: 2

**Eastern Cape****Aliwal North, Hertzogbrug Dierekliniek**

Beef: 2

**Bathurst, Dr Jane Pistorius**

Beef: 3

**Western Cape****Heidelberg (WC), Heidelberg Dierekliniek**

Beef: 2

**Malmesbury, Bergzigt Dierehospitaal**

Beef: 2

**Swellendam, Swellendam Dierehospitaal**

Dairy: 2

Non esterized fatty acids (NEFA's) Cattle loses condition in the dry period -this leads to build up of NEFA's which depresses immunity. This leads to an increase in mastitis and fertility problems.

**Retained afterbirth**



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (2)	1.0 (1)		3.0 (1)	1.5 (2)	1.5 (4)	1.7 (3)	2.0 (3)	

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

<b>Beef</b>	2.0 (2)			3.0 (1)	1.5 (2)	1.0 (2)	1.0 (2)		
<b>Dairy</b>						3.0 (1)	3.0 (1)	2.0 (3)	
<b>Sheep</b>		1.0 (1)				1.0 (1)			

#### Mpumalanga

##### Balfour, Balfour Dierekliniek

Beef: 2

##### Nelspruit, Nelspruit Animal Hospital

Beef: 2

#### Gauteng

##### Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1

#### North West

##### Christiana, Christiana Dierehospitaal

Beef: 3

#### Free State

##### Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1

##### Frankfort, Frankfort Dierekliniek

Beef: 2

#### Kwazulu-Natal

##### Camperdown, Camperdown Vet Clinic

Sheep: 1

abortion

##### Dundee, Endumeni Herd health

Beef: 1

##### Howick, Howick Veterinary Clinic

Dairy: 3

##### Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

#### Eastern Cape

##### Bathurst, Dr Jane Pistorius

Beef: 1

##### Cradock, Dr. Ilse Jenkinson CCS Vet

Beef: 1

##### Somerset East, Bosberg Veterinary Clinic

Dairy: 3

#### Western Cape

##### Caledon, Overberg Veterinary Hospital

Dairy: 1

##### Malmesbury, Bergzicht Dierehospitaal

Dairy: 2

##### Swellendam, Swellendam Dierehospitaal

Dairy: 3

## Sheath Prolaps



PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern
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				West	State	Natal	Cape	Cape	Cape
<b>Average</b>	1.0 (1)	2.0 (1)				1.0 (1)		1.0 (1)	

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

<b>Beef</b>	1.0 (1)	2.0 (1)				1.0 (1)			
<b>Dairy</b>								1.0 (1)	

#### **Mpumalanga**

##### **Ermelo, Moredloed Veterinere Spreekkamer**

Beef: 1

#### **Gauteng**

##### **Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic**

Beef: 2

Lamina prolaps

#### **Kwazulu-Natal**

##### **Mtubatuba, Mtubatuba Animal Clinic**

Beef: 1

#### **Western Cape**

##### **Riversdale, Riversdal Dierekliniek**

Dairy: 1

### **Uterus prolaps**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (3)			1.0 (3)	1.5 (11)	1.5 (4)		1.5 (2)	

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

<b>Beef</b>	1.0 (2)			1.0 (2)	1.8 (6)	1.5 (2)			
<b>Dairy</b>				1.0 (1)		2.0 (1)		2.0 (1)	
<b>Sheep</b>	1.0 (1)				1.2 (5)	1.0 (1)		1.0 (1)	

#### **Mpumalanga**

##### **Bethal, Bethal Dierekliniek**

Beef: 1, Sheep: 1

##### **Ermelo, Moredloed Veterinere Spreekkamer**

Beef: 1

#### **North West**

##### **Brits, Brits Dierekliniek**

Beef: 1, Dairy: 1

##### **Rustenburg, Bergbos Dierekliniek**

Beef: 1

#### **Free State**

##### **Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 2

##### **Bultfontein, Greylingrust Diersprekkamer**

Sheep: 1

##### **Clocolan, Clocolan Dierekliniek**

Beef: 2

**Frankfort, Frankfort Dierekliniek**

Beef: 2

**Kroonstad, Kroonstad Dierehospitaal**

Sheep: 1

**Reitz, Riemland Dierehospitaal**

Beef: 2, Sheep: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 1, Sheep: 1

**Vrede, Vrede Dierehospitaal**

Beef: 2

**Wesselsbron, Wesselsbron Dierekliniek**

Sheep: 1

**Kwazulu-Natal****Bergville, Bergville Veterinary Clinic**

Beef: 2

**Estcourt, Estcourt Vet Clinic**

Beef: 1

**Howick, Howick Veterinary Clinic**

Dairy: 2

**Kokstad, E.G.Veterinary Services**

Sheep: 1

**Western Cape****Malmesbury, Bergzicht Dierehospitaal**

Sheep: 1

**Riversdale, Riversdal Dierekliniek**

Dairy: 2

**Vaginal (Cervical) prolaps**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.3 (4)	2.0 (1)		2.0 (2)	1.8 (8)	1.4 (5)	1.0 (1)	1.5 (2)	

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

<b>Beef</b>	1.0 (3)	2.0 (1)		2.0 (2)	1.6 (5)	1.5 (4)	1.0 (1)	1.0 (1)	
<b>Sheep</b>	2.0 (1)				2.0 (3)	1.0 (1)		2.0 (1)	

**Mpumalanga****Bethal, Bethal Dierekliniek**

Beef: 1, Sheep: 2

**Ermelo, Môregloed Veterinêre Spreekkamer**

Beef: 1

**Grootvlei, Grootvlei Dierekliniek**

Beef: 1

**Gauteng****Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 2

**North West****Brits, Brits Dierekliniek**

Beef: 2

**Vryburg, Vryburg Dierehospitaal**

Beef: 2

**Free State**

**Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 1

**Frankfort, Frankfort Dierekliniek**

Beef: 2

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 2

**Reitz, Riemland Dierehospitaal**

Beef: 2, Sheep: 3

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 1, Sheep: 1

**Wesselsbron, Wesselsbron Dierekliniek**

Sheep: 2

**Kwazulu-Natal****Bergville, Bergville Veterinary Clinic**

Beef: 2

**Dundee, Endumeni Herd health**

Beef: 1, Sheep: 1

**Estcourt, Estcourt Vet Clinic**

Beef: 1

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Eastern Cape****Aliwal North, Hertzogbrug Dierekliniek**

Beef: 1

**Western Cape****Malmesbury, Bergzicht Dierehospitaal**

Sheep: 2

**Stellenbosch, Stellenbosch Animal Hospital**

Beef: 1

**Climatical Cause****Cold exposure**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				1.0 (1)	1.0 (1)				

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

<b>Sheep</b>				1.0 (1)	1.0 (1)				
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**North West****Lichtenburg, Silver Cross veterinary Herd Health**

Sheep: 1

**Free State****Wesselsbron, Wesselsbron Dierekliniek**

Sheep: 1

**Drought**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					3.0	3.0 (1)			

		(3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported			
<b>Beef</b>		3.0 (1)	3.0 (1)
<b>Dairy</b>		3.0 (1)	
<b>Sheep</b>		3.0 (1)	

**Free State**  
**Dewetsdorp, Platkop Dierekliniek**  
 Beef: 3, Dairy: 3, Sheep: 3  
**Kwazulu-Natal**  
**Mtubatuba, Mtubatuba Animal Clinic**  
 Beef: 3

Lightning									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)				1.0 (2)				

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	1.0 (1)				1.0 (2)				

**Mpumalanga**  
**Volksrust, Cape Cross Volksrust Dierehospitaal**  
 Beef: 1  
**Free State**  
**Kroonstad, Kroonstad Dierehospitaal**  
 Beef: 1  
**Memel, Memel Veterinary Clinic**  
 Beef: 1

Frozen to death									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					2.0 (1)				

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Sheep</b>					2.0 (1)				

**Free State**  
**Dewetsdorp, Platkop Dierekliniek**  
 Sheep: 2

## Residues

### Drug residues

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				2.0 (1)	3.0 (1)	1.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Dairy</b>				2.0 (1)		1.0 (1)			
<b>Sheep</b>					3.0 (1)				

#### North West

##### Brits, Brits Dierekliniek

Dairy: 2

##### Free State

##### Clocolan, Clocolan Dierekliniek

Sheep: 3

##### Kwazulu-Natal

##### Estcourt, Estcourt Vet Clinic

Dairy: 1

## Non specific diseases

### Cause of death not established

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		3.0 (1)			1.0 (1)	2.0 (2)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>						2.0 (2)			
<b>Sheep</b>		3.0 (1)			1.0 (1)				

#### Gauteng

##### Nigel, Welgelegen Dierekliniek

Sheep: 3

Neurological signs in sheep. Stargazers, fall down and have muscle contraction. Reacts to charcoal treatment. One died, 5 survived.

##### Free State

##### Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Total of 150 sheep died acutely of one owner. Sheep taken to Onderstepoort for examination. No diagnosis to date.

##### Kwazulu-Natal

##### Pongola, Pongola Animal Clinic

Beef: 1

Pseudomonolysis - chronic wasting disease syndrome with unilateral facial paralysis. Epidemiology still unknown.

##### Ulundi, Dr. Ben Muller CCS Vet

Beef: 3

Lots of farmers request PMs for animals that have died, but I have limited transport, or sometimes the simply stay to far for me to do a PM (100 plus km's)

Preditors									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	1.5 (2)			2.5 (2)		1.0 (1)	2.0 (1)	

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

Beef	2.0 (1)				2.0 (1)				
Sheep		1.0 (1)			3.0 (1)				
Goat		2.0 (1)					1.0 (1)	2.0 (1)	

#### Mpumalanga

##### Bethal, Bethal Dierekliniek

Beef: 2

#### Gauteng

##### Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 1

Dog bite wounds

Goat: 2

#### Free State

##### Clocolan, Clocolan Dierekliniek

Beef: 2, Sheep: 3

#### Eastern Cape

##### Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 1

#### Western Cape

##### Riversdale, Riversdal Dierekliniek

Goat: 2

### Sabotation - Theft

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)			2.7 (3)				

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

Beef		2.0 (1)			3.0 (1)				
Sheep					2.5 (2)				

#### Gauteng

##### Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

8 Cattle injured during stock theft - 2 slaughtered with panga's



**Free State****Clocolan, Clocolan Dierekliniek**

Beef: 3, Sheep: 3

**Frankfort, Frankfort Dierekliniek**

Sheep: 2

**Trauma**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)			1.0 (2)	1.0 (1)			1.0 (2)	

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

<b>Beef</b>	1.0 (1)			1.0 (1)	1.0 (1)				
<b>Dairy</b>				1.0 (1)				1.0 (1)	
<b>Goat</b>								1.0 (1)	

**Mpumalanga****Grootvlei, Grootvlei Dierekliniek**

Beef: 1

**North West****Brits, Brits Dierekliniek**

Beef: 1

Penile rupture

Dairy: 1

**Free State****Dewetsdorp, Platkop Dierekliniek**

Beef: 1

**Western Cape****Riversdale, Riversdal Dierekliniek**

Dairy: 1, Goat: 1

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