

**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 2017**

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 (132) submitted reports during May 2017:**

**Mpumalanga (13)**

Balfour – Dr. Louis van Jaarsveld  
Bethal – Dr. Hardus Pieters  
Delmas – Drs. Du Plessis and Ferreira  
Ermelo – Drs. Potgieter and Steinberg  
Grootvlei – Dr. Neels van Wyk  
Karino – Dr. Silke Pfitzer  
Lydenburg – Drs. Trümpelmann and Steyn  
Malalane – Drs. Van Sittert and Van Sittert  
Middelburg – Drs. Malan, Erasmus and Bernitz  
Nelspruit – Dr. André Beytell  
Piet Retief – Drs. Niebuhr and Weber  
Standerton – Dr. Kobie Kroon  
Volksrust – Drs. Watson, Solomon and Scheepers

**Gauteng (8)**

Bapsfontein – Drs. Engelbrecht and Olivier  
Bronkhorstspuit – Drs. De Bruin, De Bruin, Rudolph and Slabber  
Magaliesburg – Dr. Ryan Jeffery  
Muldersdift – Dr. Clare Speedy  
Nigel – Dr. Cindy van der Westhuizen  
Onderstepoort Veterinary Academic Hospital - Proff. Annandale, Prozesky, Shakespear, Holm and Esposito, Gratwick, Hamman and O'Dell  
Pretoria – Dr. Hanneke Pienaar  
Vanderbijlpark – Dr. Kobus Kok

**Limpopo (9)**

Bela-Bela – Dr. Nele Sabbe  
Bela-Bela – Drs. Herbst, Kilian and Hansen

Lephalale (Ellisras) – Dr. Brigitte Luck  
Makhado – Drs. Harris, Klopper and Jacobs  
Mokopane (Potgietersrus) - Dr. Henk Visser  
Polokwane (Pietersburg) – Drs. Watson, Viljoen, Jansen Van Vuuren, Van Rooyen, Snyman and Cremona  
Tzaneen – Dr. Pieter Cordier  
Vaalwater – Dr. Hampie van Staden  
Vaalwater – Dr. Annemieke van der Goot

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

Brits – Drs. Boshoff and Coertze  
Christiana - Dr. Pieter Nel  
Klerksdorp – Drs. Theron, Van den Berg, Van den Berg and Geral  
Klerksdorp- Drs. Coetsee and Venter  
Leeudoringstad – Dr. Ian Jonker  
Lichtenburg – Dr. Nelmarie-Krüger Rall  
Lichtenburg – Dr. Frits Ras  
Stella - Dr. Magdaleen Vosser  
Ventersdorp/ Koster – Drs. Marais and Benadé  
Vryburg – Dr. Jurie Kritzing

### **Free State (27)**

Bethlehem – Dr. Strydom and Strydom  
Bethlehem – Dr. J.C. du Plessis  
Bloemfontein – Dr. Stephan Wessels  
Bothaville – Dr. Johan Blaauw  
Bultfontein – Dr. Santjie Pieterse  
Clocolan – Drs. Wasserman and Basson  
Dewetsdorp – Dr. Marike Badenhorst  
Ficksburg – Drs. Kotze and Coetzer  
Frankfort - Drs. Lessing, Cilliers and Janse van Rensburg  
Gariiep Dam – Dr. Marni Strauss  
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  
Reitz - Dr. Murray Smith  
Reitz – Dr. Schabort Froneman  
Senekal – Dr. Jan Blignaut  
Smithfield – Dr. Nienke van Hasselt  
Trompsburg – Dr. Wyn Irwin  
Viljoenskroon - Dr. Johan Kahts  
Villiers – Drs. Hattingh and Hauptfleisch

Vrede – Drs. Bester - Cloete and Fourie

Wesselsbron – Dr. Johan Jacobs

Winburg – Drs. Albertyn and Albertyn

Zastron – Drs. Troskie and Strauss

### **KwaZulu-Natal (16)**

Bergville - Dr. Ariena Shepherd

Bergville – Dr. Jubie Muller

Camperdown – Dr. Anthony van Tonder

Dundee – Drs. Marais and Fynn

Dundee – Dr. Paul Reynolds

Eshowe – Dr. Craig Pryke

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

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

Kokstad - Drs. Clowes and Shrives

Mooi River – Drs. Fowler, Hartley, Alexander and Reisinger

Mtubatuba – Dr. Trever Viljoen

Newcastle- Dr. Barry Rafferty

Pietermaritzburg – Dr. Phillip Kretzmann

Pongola – Dr. Heinz Kohrs

Underberg - Drs. Collins, King and Delaney

Vryheid – Drs. Theron and Theron

### **Eastern Cape (16)**

Alexandria - Drs. Olivier and Dreyer

Aliwal North/Zastron – Drs. Troskie and Strauss

Bathurst – Dr. Jane Pistorius

Cradock – Dr. Frans Erasmus

Graaff- Reinet - Dr. Roland Larson

Graaff-Reinet – Drs. Hobson, Strydom and Hennesy

Humansdorp – Drs. Van Niekerk and Janse Van Vuuren

Jeffreys Bay – Drs. Hoek and Lategan

Kareedouw – Dr. Martin Bootsma

Middelburg/Steynsburg – Drs. Van Rooyen and Viljoen

Nieu Bethesda – Dr. Mac McFarland

Port Alfred – Dr. Leon de Bruyn

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

Stutterheim - Dr. Dave Waterman

Uitenhage – Drs. Mulder and Krüger

Witelsbos – Dr. Bernadine van den Berg

### **Western Cape (17)**

Beaufort West - Drs. Pienaar and Grobler

Caledon – Drs. Retief, Coetzer, Jansen and Woudstra

Caledon – Drs. Louw and Viljoen

Ceres- Drs. Pieterse, Wium, De Villiers and Scheepers  
Darling – Drs. Van der Merwe, Adam and Senekal  
George - Drs. Strydom, Truter and Pettifer  
Heidelberg – Dr. Albert van Zyl  
Malmesbury – Dr. Otto Kriek  
Malmesbury – Dr. Markus Fourie  
Oudtshoorn – Dr. Glen Carlisle  
Oudtshoorn – Dr. Adriaan Olivier  
Piketberg – Dr. André van der Merwe  
Plettenberg Bay – Dr. André Reitz  
Stellenbosch – Dr. Alfred Kidd  
Swellendam – Drs. Malan  
Vredenburg – Dr. Izak Rust  
Wellington – Drs. Van Zyl and Louw

#### **Northern Cape (9)**

Calvinia – Dr. Bertus Nel  
Colesberg – Drs. Rous and Rous  
De Aar – Dr. Donald Anderson  
Kathu – Dr. Jan Vorster  
Kimberley – Drs. Van Heerden and Swart  
Kuruman – Dr Gerhard van der Westhuizen  
Kuruman – Dr. Lea Shuda  
Philipstown – Dr. Stephan Van Niekerk  
Upington – Drs. Vorster and Visser

#### **Feedlots (1)**

Drs. Morris and Du Preez

#### **Laboratory reports (6)**

Dr. Marijke Henton - Vetdiagnostix, Johannesburg  
Dr. Alan Fisher – Queenstown Provincial laboratory  
Dr. Rick Last – Vetdiagnostix, Pietermaritzburg  
Dr. Lucy Lange – Pathcare, Cape Town  
Dr. Emily Lane – National Zoological Gardens  
George - Deltamune

### **Key Message**

#### **The key message this month is:**

Looking back at disease outbreaks during the spring of 2016 and the summer and autumn of 2017, it is quite apparent that not all farmers vaccinated their animals against insect and tick transmitted diseases. The following diseases could have been prevented if animals were vaccinated before the summer rainy season commenced: lumpy skin disease, three day stiff sickness (ephemeral fever),

blue tongue, African and Asiatic red water and African horse sickness. Vaccines are cheap in comparison to the cost of treatment and fatalities that occurred.

Now is the time to update vaccination programmes with the help of your veterinarian and to place orders for vaccines in time.

With the good rains that fell outbreaks of Rift Valley fever were anticipated but fortunately it did not happen. Do not be complacent, keep on vaccinating animals against this deadly vaccine.

It seems as if cattle farmers are vaccinating their heifers between 4 and 8 months, according to law, against bovine brucellosis with Strain 19 or RB 51 vaccines. **Remember VET: Vaccinate, Educate, Test.**

## Visit the website of the National Animal Health Forum

The website of the National Animal Health Forum (NAHF) is now operational.

[www.nahf.co.za](http://www.nahf.co.za)

Read what the Forum is all about:

<http://nahf.co.za/about/>

This website will become the information centre of animal health in Southern Africa.

On the toolbar click on **Stakeholders** and you will find links to producer organizations and other organizations who are participating in the NAHF

<http://nahf.co.za/stakeholders/>

Provincial Animal Health Forums have their own site – click on **Provinces**

<http://nahf.co.za/provinces/>

Important is to study the Veterinary Strategy (2016 -2026) as it gives direction to where we are going with Animal Health in South Africa.

<http://nahf.co.za/wp-content/uploads/Vet-strategy-final-signed.pdf>

Click on **Info centre** for more information on the “war” we have against Bovine Brucellosis. Please be up to date on the role all have to play to control this zoonotic disease.

<http://nahf.co.za/category/diseases/brucellosis/>

Information on other controlled diseases (Ovine Johne’s Disease, Pest of small stock – PPR, and African Horse Sickness) is available

This link will continuously be updated.

Information on **antibiotic resistance** is also available at this address:

<http://nahf.co.za/category/antibiotic-resistance/>

Better relationships are being built between the State Veterinary departments and the private sector.

For additional information on Brucellosis in Afrikaans go to the following website:

Besoek ook [www.landbou.com](http://www.landbou.com)

Klik op Indeks van antwoorde

Klik op Beeste

Klik op Siektes

Klik op Brusellose

Klik op die verskillende antwoorde

Live the slogan so that we ALL can be part of controlling bovine brucellosis!

V = Vaccinate

E = Educate

T = Test

## Summary of disease report for May 2017

131 Reports from veterinary practices and laboratories were received (Mpumalanga (MP) 13; Gauteng (G) 8; Limpopo (L) 9; North West (NW) 10 Free State (FS) 27; KwaZulu-Natal (KZN) 15; Eastern Cape (EC) 16; Western Cape (WC) 17; Northern Cape (NC) 9; Feedlots (FL) 1 and Laboratories (Lab) 6).

### 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	x	x	x	x	
Wireworm	x	x	x	x	x	x	x	x	x
Brown stomach-worm									
Long-necked bankruptworm									
Large-mouthed bowelworm									
Nodularworm				x					
Lungworm									
Eyeworm					x				
<i>Parafilaria</i>		x				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		x		x
Schistosomiasis (bilharzia)									
Coccidiosis	x		x		x	x	x		x
Cryptosporidiosis		x		x	x	x	x	x	

Dr. Alan Fisher and his team have been successful in selecting sheep for resistance against wireworm in the Eastern Cape. The following protocol is followed:

### Protocol to select for sheep and goats resistant or resilient to wireworm in the Summer Rainfall area

**Question:** I have read that there can be selected for sheep that are resistant to wireworm. How do I go about achieving this goal in my sheep?

**Answer:** Protocols are described for the different sheep farming systems

Key:

FAM = FAMACHA

BCS = Body condition score

FEC = Faecal egg count

TST = Target Selected Treatment

### **Target group: Stud breeders and group breeding schemes – selection for resistance**

Do normal worm management during the period until weaning

Optional: Individual FEC's can be done on ram lambs before their first treatments – low egg counts will select for **innate resistant** rams.

#### **Selection group: Ram and ewe lambs post weaning**

FAM and BCS scores every 1 to 2 weeks after weaning in summer.

Individual animal FEC done 3 times: at beginning of summer and a further 2 samples done at peak of the worm season on undrenched lamb.

Only treat lambs with a FAM score of more than 2,5 with an effective anthelmintic – TST.

Evaluate **RAMS** on their lambs' performance (FAM + BCS + FEC).

Only buy in resistant sires and cull rams on high FEC.

Mark and cull all lambs needing drenching.

Select lambs on average FAM:BCS:FEC index.

High average FEC will eliminate resilient lambs after the first summer season.

Calculate estimated breeding values (EBV) for FEC.

Adult ewes – only treat ewes on TST and cull ewes with high FAMACHA scores.

### **Target group: Commercial sheep flock – selection for resilience/resistant sheep**

Do normal worm management during the pre-weaning period.

Do only routine bulk FEC monitoring.

#### **Selection group: Ewe lambs post weaning**

FAM and BCS every 1-2 weeks in summer after weaning. No individual FEC's.

Dung samples (bulk FEC from 10 marked lambs) monthly to monitor flock parasite levels.

Only treat lambs with an effective anthelmintic that have FAMACHA scores above 2,5 (TST)

Mark and cull all lambs needing drenching (more than once?).

Select lambs on FAM only.

**Selection group: Rams**

Buy in only resistant sires if at all possible.

FEC of SIRES (untreated) at peak season and cull all rams with high egg counts.

**Selection group: Adult ewes**

Only treat on TST and mark and cull on high FAM

**Importance:**

**Treat all sheep once a year if nodularworm is present.**

**Make sure that liver fluke is not a problem on the farm as they cause anaemia.**

For information on FAMACHA, Five point check and faecal egg counts visit:

[www.landbou.com](http://www.landbou.com)

Click on Indeks van antwoorde

Click on Skape en bokke

Click on Interne parasiete

Written by: drs. Alan Fisher ([Alan.Fisher@drdar.gov.za](mailto:Alan.Fisher@drdar.gov.za)) and Faffa Malan ([dokfaffa@nashuaisp.co.za](mailto:dokfaffa@nashuaisp.co.za))

Also visit:

[www.wormx.info](http://www.wormx.info)

<http://www.wormx.info/whatworkswithworms>

[http://docs.wixstatic.com/ugd/6ef604\\_59741945b77c43469cdc7cf5b763b2c1.pdf](http://docs.wixstatic.com/ugd/6ef604_59741945b77c43469cdc7cf5b763b2c1.pdf)

**Protokol vir selektering vir wurmweerstandige en wurmaangepaste skape in die Somerreënvalstreek**

**Vraag:** Ek het gelees dat daar geselekteer kan word vir skape wat weerstandig teen haarwurm is. Hoe gaan ek te werk om hierdie doelwit te bereik?

**Antwoord:**

Protokolle word hieronder beskryf vir verskillende skaapboerderypraktyke

**Sleutel:**

FAM = FAMACHA

LKT = Liggaamskondisietelling

MET = Miseiertelling

DSD = Doelgerigte Selektiewe Dosering



## **Teikengroep: Stoettelers en Groepteelskemas selektering vir weerstandbiedende skape**

Normale wurmbestuur word met lammers gevolg tot met speenouderdom.

Opsioneel kan die volgende gedoen word: Doen individuele MET van ramlammers voor die eerste dosering. Deur vir rammetjies met die laagste eiertellings te selekteer, word daar vir inherente weerstandigheid geselekteer.

### **Seleksiegroep: Ram en oilammers na speen**

FAM en LKT elke 1 tot 2 weke in die somer.

Individuele MET gedoen 3 keer – begin van die somer en twee keer tydens die piek wurmseisoen.

Behandel individuele diere slegs as die FAM evaluasie meer as 2,5 is –DSD.

Evalueer ramme (vaars) op hul lammers se prestasie-metings (FAM + LKT + MET).

Merk en prul alle lammers wat gedoseer moes word (meer as een keer).

Selekteer lammers op gemiddelde FAM:LKT:MET indeks. Deur lammers wat hoë gemiddelde MET's het uit te skot, sal verdraagsame lammers geëlimineer word na die eerste somerreëseisoen.

Beraam teelwaardes vir MET.

### **Seleksiegroep: Volwasse ooie**

Behandel volgens DSD en prul op hoë FAM.

### **BELANGRIK:**

**Koop slegs weerstandige ramme vir die kudde in – prul ramme met hoë eiertellings.**

**Behandel een keer per jaar alle skape vir knoppieswurm indien voorkom.**

## **Teikengroep: Kommersiële kuddes – selektering vir weerstandige/aangepaste skape**

Normale wurmbestuur van lammers voor speenouderdom. Doen slegs roetine gepoelde MET van 10 gemerkte diere om wurmbesmetting op weiding vas te stel.

### **Seleksiegroep: Slegs oilammers na speenouderdom**

FAM en LKT elke 1 tot 2 weke na speen in somer.

Geen individuele MET word gedoen nie.

Groep mismonsters van dieselfde 10 gemerkte diere word maandeliks gedoen om wurmladings te monitor.

Behandel slegs as FAM evaluasie meer as 2,5 is – DSD.

### **Seleksiegroep: Ramme**

FAM en MET ramme tydens piekseisoen en prul op te hoë MET.

### **Lammerevaluasie**

Merk en prul alle lammers wat gedoseer moes word (meer as een keer),

Selekteer lammers op FAM plus LKT.

### **Volwasse ooie**

Behandel volgens DSD, merk en prul op hoë FAM.

## Belangrik:

Koop slegs weerstandige ramme in en prul ramme met hoë eiertellings

Behandel alle skape een keer per jaar indien knoppieswurm voorkom.

Maak seker dat daar nie 'n lewerslakwurmprobleem op die plaas is nie want hulle veroorsaak ook bloedarmoede in skape.

Vir besonderhede oor die FAMACHA stelsel, Vyfpuntplan en miseiertellings besoek:

[www.landbou.com](http://www.landbou.com)

Klik op Indeks van antwoorde

Klik op Skape en bokke

Klik op Interne parasiete

Geskryf deur: drs. Alan Fisher ([Alan.Fisher@drdar.gov.za](mailto:Alan.Fisher@drdar.gov.za)) en Faffa Malan ([dokfaffa@nashuaisp.co.za](mailto:dokfaffa@nashuaisp.co.za))

Lees ook:

<http://www.landbou.com/kundiges/vra-vir-faffa/selekteer-skape-vir-weerstand-teen-haarwurm/>

[www.wormx.info](http://www.wormx.info)

<http://www.wormx.info/whatworkswithworms>

## 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	x	
Resistant blue ticks	x				x	x	x		
Heartwater ticks	x	x	x	x		x	x		
Brown ear-ticks	x	x	x		x	x			
Bont-legged ticks	x			x	x	x	x		x
Red-legged ticks	x		x	x	x	x	x		
Paralysis ticks					x		x		
Tampans									
Biting lice	x				x		x	x	
Sucking lice					x		x		
Itch mites									
Sheep scab	x				x				
Mange mites									
Nuisance flies	x				x	x			
Midges	x				x	x			
Mosquitoes									
Blowflies	x	x	x		x			x	



Serious outbreaks of lumpy skin disease, three day stiff sickness and blue tongue were reported. In most cases animals were not vaccinated. Great losses were experienced. This should not have happened if a well planned vaccination programme was followed!

## 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	X	X		
Pizzle disease				X					
<i>Actinobacillus seminis</i>									

New cases of **trichomonosis** are reported every month and this disease is out of control. Make sure to buy bulls from farmers where biosecurity measures are in place and bulls are tested for these diseases at regular intervals.

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

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.**

Study the Good management SOP's for cattle farmers as is on the RPO website

<http://www.rpo.co.za/wp-content/uploads/2016/04/nuutRPO-NERPO-Code-Addendum.pdf>

<http://www.rpo.co.za/wp-content/uploads/2016/04/nuutRPO-NERPO-Code-Addendum-4-Good-management-practices-and-SOPs-for-cattle-farmers-1.pdf>

## 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									
Blackquarter	X		X	X	X	X		X	X
Botulism					X		X	X	
Pulpy kidney	X	X	X	X	X	X	X	X	X
Lamb dysentery									
Swelled head	X	X		X	X	X	X	X	
Red gut (cattle)	X			X	X	X	X	X	
Blood gut (sheep)	X			X	X	X			

Tetanus				x		x		x	
Salmonellosis					x	x			
Bovine brucellosis	x		x	x	x				x
Ovine brucellosis (Ram's disease)								x	
<i>Actinobacillus seminis</i>									
Bovine tuberculosis					x	x			
Johne's								x	
Leptospirosis									
Listeriosis						x			
<i>Pseudomonas</i>									
<i>Fusibacterium necrophorum</i>								x	
Septicaemia									
<i>E. coli</i>	x	x	x	x	x	x	x	x	x
Enzootic abortion	x			x	x	x		x	x
Lumpy wool					x			x	x
Uterine gangrene									x
Bovine dermatophilosis (Senkobo disease)									
Wooden tongue									
Lumpy jaw									

When buying animals this Vendor declaration can help you to minimize risk!

### VENDOR DECLARATION BOVINE BRUCELLOSIS

I hereby declare that I am the legal owner or authorised representative of the cattle on sale and am competent to make this declaration

1	The cattle for sale are clearly and permanently identified		Yes	No
2	The cattle for sale/slaughter were born on my farm		Yes	No
3	The farm has a closed herd policy i.e. I do not buy in cattle, rent out grazing or speculate with cattle		Yes	No
4	I practice bio-security on my farm to a level that is **	Poor	Moderate	Good
5	I vaccinate my heifer calves against Bovine Brucellosis once between the ages of 4 – 8 months		Yes	No
6	In addition I vaccinate my cattle older than 8 months with RB51		Yes	No
7	I have all the cattle on my farm tested for Bovine Brucellosis		Yes (date)	No
8	My herd has been tested negative within the past year		Yes	No
9	I did not buy in cattle since my last negative brucellosis test		Yes	No
10	I/my vet investigates any abortions on my farm		Yes	No









Beware when buying in animals or moving into rested grazing camps as they are the animals which usually eat toxic plants such as tulp and ink berries (*Cestrum*).

For further information on treatment of tulp and other poisonings visit:

[www.landbou.com](http://www.landbou.com)

Klik op Indeks van antwoorde

Klik op Beeste of Skape

Klik op Vergiftigings

Klik op die Opskrifte

## 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	
Protein				X	X	X	X	X	
Phosphate	X						X		X
Calcium		X		X	X				

## Micro-nutritional deficiencies

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

Deficiencies	MP	G	L	NW	FS	KZN	EC	WC	NC
Iodine									
Copper	X	X	X			X			
Zinc									
Selenium	X			X		X			X
Magnesium									
Manganese									
Vitamin A				X	X			X	X
Vitamin B 1						X		X	X

There are antagonists such as calcium, iron and sulphur which hamper the uptake of micro-minerals. Have water and soil samples analysed to see what the levels of these antagonists are. Arrange with your veterinarian to have liver samples analysed to determine the status of these micro-minerals in your herd or flock.

Beware of fluoride poisoning as borehole water levels fall.

Supplement animals with vitamin A during drought conditions.

## Multifactorial diseases and other conditions

The following conditions were reported by practices in the provinces

Multifactorial diseases and other conditions	MP	G	L	NW	FS	KZN	EC	WC	NC
Abortions	x	x		x	x	x	x	x	x
Stillbirths					x	x			x
Abscesses	x	x	x	x	x	x	x	x	x
Intestinal ulcers									
Bladder stones -urolithiasis					x			x	x
Blindness					x	x		x	x
Bloat		x		x	x	x		x	x
Blue udder	x				x				
Diarrhoea	x			x	x	x	x	x	x
Epididymitis									
Eye cancer	x	x			x	x		x	
Eye infections	x	x	x	x	x	x	x	x	x
Joint ill	x	x		x	x	x	x		
Lameness/foot problems	x	x	x	x	x	x	x	x	x
Lung infection	x	x	x	x	x	x	x	x	x
Mastitis	x			x	x	x	x		x
Navel ill	x			x	x				
Red gut (sheep, torsion of gut)	x				x				
Rectal prolaps									
Trauma	x						x	x	
Teeth wear									
Plastic bags (ingestion)									
Downer	x	x			x	x		x	x

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	x	x	
Displaced abomasums						x		x	
Ketosis (Domsiekte)									x
Milk fever	x			x	x	x		x	

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	x
Endometritis	x				x	x		x	

Hydrops									
Metritis	x		x	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			
Uterine prolaps	x				x	x		x	
Vaginal prolaps	x				x	x			x
Penis injury									

## Environmental conditions

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

## Other conditions

	MP	G	L	NW	FS	KZN	EC	WC	NC
Drug residues (milk, meat, liver, kidney etc)									
Preditors					x				x
Theft		x			x				
Traumatic pericarditis (wire in fore stomachs)	x						x		
Trauma (fractures etc)									

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**

**Karino – Dr. Silke Pfitzer**

**Lephalale – Dr. Brigitte Luck**

**Malalane – Van Sittert and Van Sittert**

**Smithfield – Dr. Nieke von Hasselt**

**Tzaneen – Dr. Pieter Cordier**

**Vaalwater – Annemieke van der Goot**

## **Ostriches**

## **Gauteng**

### **Pretoria**

Selenium deficiency - 2

## **Western Cape**

### **Oudtshoorn – Ostrimed**

<b>Condition</b>	<b>Comments</b>
Poor doers	Slow growth rate/ mass gain – cold mornings hot day times, just too large fluctuations. Poor feed intake = poor growth increased problems
Upper respiratory problems	Few cases of sinusitis/rhinitis – winds and dust
Lung conditions	Dust, kraaled, stress, cold stress

## **Equines**

### **Mpumalanga**

#### **Middelburg**

African horse sickness – 1 confirmed

Babesiosis - 1

### **Gauteng**

#### **Bronkhorstspuit**

Biliary – 2 cases

Eye cancer – 1

Foot abscess-1

African horse sickness - 4

#### **Magaliesburg**

African Horse Sickness - 2

#### **Vanderbijlpark**

African Horse sickness (Dikkop) - 1

### **North West**

#### **Vryburg**

African Horse Sickness - 3

### **Eastern Cape**

#### **Port Alfred**

Equine piroplasmiasis - 1

#### **Queenstown**

West Nile Fever – one death and 17 out of 18 horses serologically positive.

### **Western Cape**

#### **Wellington**

Equine encephalosis virus - numerous cases

## **Northern Cape**

### **Colesberg**

African Horse Sickness – 3 cases

### **Kimberley**

African Horse sickness – 2

## **Game**

## **Mpumalanga**

### **Lydenburg**

Asiatic red water

Lameness -2

Capture myopathy – 1

Trauma - 1

## **Gauteng**

### **Bronkhorstspuit**

Wounds caused by ticks – Deer

Anaemia – Black wildebeest (4) due to blue tick infestation

Abscesses – Black wildebeest next to tail base

Cold exposure – Nyala (10 ewes and lambs) died after cold rain and wind.

Heartwater – Springbok died after giraffe with ticks was brought onto the farm. Giraffe was not quarantined.

Diarrhoea and ticks – Sable calves-2

### **Pretoria**

Intestinal roundworms – 2

Tapeworms -2

Brown ear-tick - 2

Heartwater – 2

*E. coli* – 2

Giardia – 2

Mastitis – 1

Arthritis – 1

Lungs – 2

## **Limpopo**

### **Bela-Bela**

Wireworm – 3

Hertwater – 2

Coccidiosis – Impala 3

Vitamin B1 deficiency – 2

Dystocia – 2

Eyes - 2

Wound – Eland – wound on leg, probably after injury in fence.

Abortion – Sable- after sudden cold- only sable in camp – first time this has happened.

Deaths – Bushbuck – 7 after capture and kept in boma. Due to stress.

Fracture – Black springbok fractured leg after jumping into fence.

Wound – Rhino with penetrating wound. Cold exposure - 2

### **Mokopane**

Brown ear ticks - 1

Heartwater ticks – 1

Screw-worm - 1

### **Polokwane**

Intestinal roundworms – 3

Resistant roundworms - 3

Brown ear-tick – 3

Bont-legged tick -3

Coccidiosis – 1

Dystocia – 1

Eye problems - 2

Abscesses – 2

Capture myopathy - 1

## **North West**

### **Klerksdorp**

Intestinal roundworms – 3

Anaemia – Sables and Roan – 3 Severe blue tick and wireworm infestation

Malnutrition – Nyala 3 – Rumen papillae not developed

Coccidiosis – 1

Lungs - 3

## **Free State**

### **Bethlehem**

**Intestinal roundworm – Zebra 1**

Wireworm – 3

Liver fluke – Zebra 1

Red gut - 1

Lungs – 2 game in boma

Rabies – Grey mongoose 1

## **Eastern Cape**

### **Kareedouw**

Heart failure – Wolf 1

### **Nieu – Bethesda**

Heartwater ticks – 1

Nematodes – Sables in small camp system

Starvation – 2

Abortion – 2

Abortion – 2

Mastitis-1

Drought – Kudu and Springbok, Severe drought conditions with nil or poor quality of feed available and then cold spell and losses.

Cold spell – Sable, Pyloric stenosis and digestive problem leading to cachexia and death during cold spell

### **Port Alfred**

Screw-worm – Buffalo 1, Shaw park

### **Queenstown**



Theileriosis – Letchwe. Numerous lechwes died of theileriosis after being introduced from boma onto farm during peak season.

#### **Witelsbos**

Drought

Cardiac glycoside poisoning – Wildebeest 1

Subclinical acidosis – Sable 1

Micronutrient deficiencies – Sable 2

Internal parasites – Sable 2

Heartwater – Springbok 1

### **Northern Cape**

#### **Colesberg**

E.coli – Springbok lambs

Blackquarter – Two Rhinos

#### **Kathu**

Internal parasites- Springbok 3 died on the same plot where sheep grazed that had resistant wireworm.

#### **Kimberley**

Colibacillosis – Sable 1

Ruptured cornea (trauma) – Sable 1

CCN – Roan 1

#### **Uppington**

Wireworm - Oryx (gemsbok) died of anaemia. Good rains during March/April

Lameness – Buffalo brought in and grazing in camp with lots of stones.

### **Swine**

#### **Gauteng**

##### **Onderstepoort**

Kidney failure - 1

#### **Dogs**

##### **North West**

Rabies -1 Dog

**Monthly report on Livestock and Wildlife isolations for May 2017 from Vetdiagnostix –Microbiology Laboratory, supplied by dr. Marijke Henton ([henton@vetdx.co.za](mailto:henton@vetdx.co.za))**

#### **Vetdiagnostix**

Enteritis in young ruminants was again common during May. Most [11/13] of the cases yielded *Cryptosporidium* as well as *E. coli* in calves [4] and lambs [7]; but one case in calves was only *E. coli*, and one in a lamb, only *Cryptosporidium*. *E. coli* strains need to be further characterized [serotyping

is presently unavailable] to distinguish them from environmental strains of *E. coli*. In two cases from lambs, PCR tests showed that no virulence factors were present, and so the *E. coli* were certain to be environmental opportunists. Enteritis in a pig also yielded *E. coli*.

Respiratory disease in feedlot cattle yielded *Mannheimia haemolytica* [8], *Pasteurella multocida* [3], *Histophilus somni* [4], *Mycoplasma* [8], *Trueperella pyogenes* [2] and one each of *Mannheimia* biovar 9, *Pseudomonas aeruginosa* and *Staphylococcus pseudintermedius*. Respiratory disease in sheep was due to *M. haemolytica* in one case, and the anaerobe, *Prevotella* in another.

There were two cases of *Salmonella* Dublin in calves.

An abscess in a bovine yielded *T. pyogenes*, and a lung abscess *Mycoplasma*. One abscess in a sheep yielded *Corynebacterium pseudotuberculosis* and the secondary invader *Pseudomonas aeruginosa*, and the other *Actinobacillus lignieresii*. *A. lignieresii* causes Wooden Tongue and sporadic abscesses in the head and neck area of ruminants. Bovine mastitis was caused by *Streptococcus uberis*, *Actinomyces*, *Nocardia*, *Enterobacter* and a methicillin resistant *Staphylococcus pseudintermedius*.

*Dermatophilus congolensis* [Senkobo disease] was isolated from a bovine skin.

Clostridial myositis was associated with *C. chauvoei* and *C. septicum*, and a third case was positive for *C. novyi*, *C. septicum* and *C. sordellii*, which made the case more likely the result of putrefaction than disease.

*Streptococcus zooepidemicus* and *S. dysgalactiae* [was *S. equisimilis*] were isolated from various conditions in horses; abscess [1], respiratory tract [1], nasal discharge [2], eye [1] and an infected wound. Other wound infections yielded *Staphylococcus aureus*, *Actinobacillus equuli*, *Porphyromonas* and two cases of *Actinomyces*. *E. coli* and *Enterococcus* were isolated from joint infections.

*Salmonella* Typhimurium was isolated from the liver of a serval, and *Pasteurella multocida* from the liver of a cheetah. A roan abscess yielded *T. pyogenes* and *S. aureus* was isolated from the uterus of a sable. A rhino with a respiratory infection yielded *Klebsiella pneumoniae*, and another rhino *S. dysgalactiae* from the uterus. A cheetah with enteritis yielded an Extended Spectrum Beta Lactamase *E. coli* isolate, which means that the isolate was resistant to all penicillins and cephalosporins. A lion had ringworm due to *Trichophyton mentagrophytes*.

## **Feedlot report received from Drs. Shaun Morris, Eben du Preez and Pierre Jansen Van Vuuren for May 2017 ([edupreez1@telkomsa.net](mailto:edupreez1@telkomsa.net))**

### Sheep feedlots:

Bacterial diseases: Salmonellosis, **E. coli**, Coccidiosis, Pulpy kidney and Bloodgut caused disease and some mortalities.

Heartwater occurred in sheep arriving in heartwater area.

Internal parasites with *Haemonchus* (wireworm) and Liver fluke main cause of problems.

Liver tapeworm (*Stilezia*) seen at abattoirs

Cattle feedlots:

Mortalities were mostly pneumonia with *Mannheimia haemolytica*, *Pasteurella multocida* and *Histophilus somni* diagnosed on Trans Tracheal Aspirations and post mortem samples.

Morbidities increased the last week due to colder weather arriving.

Cases of Anaplasmosis (gallsickness) as well as heartwater were diagnosed in feedlots and on backgrounding.

Few mortalities due to Babesiosis (redwater)

Isolated cases of botulism, black quarter and lumpy skin disease.

Few mortalities due to acidosis, bloat and red gut.

## Monthly report for May 2017 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 Genga, Dr Rick Last

LIVESTOCK DISEASE SURVEILLANCE			
LIVESTOCK SPECIES	DISEASE AGENT	NO. CASES	LOCATION
Ovine, Lambs	Cryptosporidiosis	1	Estcourt, KZN
Bovine, Cow	Liver fluke	1	Richmond, KZN
Bovine, Cow	Seneciosis	1	Mtunzini, KZN
Bovine, Cow	Suspect IBR complicated bronchopneumonia	1	Underberg, KZN
Ovine, Lamb 5 months	Clostridial enteritis	1	Bethlehem, Free State

WILDLIFE DISEASE SURVEILLANCE - 2017			
WILDLIFE SPECIES	DISEASE AGENT	NO. CASES	LOCATION
Impala, Ewes	Clostridial enterotoxaemia	2	Tzaneen, Limpopo

Springbok, Adult Ewe	Heartwater	1	Thabazimbi, Limpopo
Sable, Adult Cow	Eosinophilic ulcerative abomasitis	1	Memel, Free State
Sable, Calf	Theileriosis	1	Thabazimbi, Limpopo
Roan, Calf	Theileriosis	1	Thabazimbi, Limpopo
Roan, Calf	Babesiosis	1	Thabazimbi, Limpopo
Sable, Calf	Mycotic abomasitis (mucormycosis)	1	Rooiberg, Limpopo
Sable, Adult Cow	Malignant oedema	1	Steenbokpan, Limpopo

**Monthly report for May 2017 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		O 3
Biting lice		O 1
Sheep scab		O 2
Asiatic red water		B 3
Heartwater		O 2
Brucellosis		B 3
Rabies	Lusikisiki Ngcobo Port St Johns Dutywa	Canine 3  Bovine 2
West Nile Fever		Equine 1 mortality and 17 out of 18 serologically positive

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 and May 2017 from Dr. Lucy Lange: PathCare Vetlab ([lange@pathcare.co.za](mailto:lange@pathcare.co.za))**

Disease condition	Specie
Pneumonia/ <i>Pasteurella</i>	Cattle
<i>Campylobacter</i>	Cattle
<i>Tritrichomonas</i>	Cattle
Salmonellosis	Cattle
<i>Cryptosporidium</i>	Cattle
Septicaemia	Cattle
BMC - Snotsiekte	Cattle
Brucellosis	Cattle
Cestrum (Inkberry) toxicity	Cattle

Hypoproteinaemia	Cattle
Bacterial pneumonia	Cattle
Necrotic endometritis	Cattle
Squamous cell carcinoma	Horses
Sarcoid	Horses
White muscle disease	Sheep
Pasteurellosis	Sheep
Internal parasites	Sheep
Laminar cortical necrosis	Sheep
Neonatal septicaemia	Sheep
Orf	Sheep
Johne's disease	Sheep
Pulpy kidney	Sheep
Game:	
Lung worm	Bontebok
Hypoproteinaemia	Bontebok, sable, eland
Capture myopathy/myonecrosis	Nyala, Springbok, Gemsbok, Alpaca
Laminar cortical necrosis	Sable
Septicaemia	Sable
Liver necrosis	Nyala

**Report from Dr. Emily Lane Wildlife Pathology Research Programme**



NZG

National Zoological Gardens  
of South Africa

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26 May 2017

DAFF

Import/Export Policy Unit Subdirectorate

**Monthly report:**

**Cases sent to referring veterinarians between 21<sup>st</sup> April and 26<sup>th</sup> May 2017**

Cases from State vet Skukuza or Orpen

Cases imported with export permits from

**Monthly report:**

**Cases sent to referring veterinarians between 21<sup>st</sup> April and 26<sup>th</sup> May 2017**

Cases from State vet Skukuza or Orpen

Cases imported with master permit (none)

PMDate	Species	Final	PM No
15-Mar-17	Lion	None possible (autolysis)	17Z077
15-Mar-17	Blue Wildebeest	None possible (no lesion)	17Z078
15-Mar-17	Spotted hyaena	Caught in snare	17Z079
16-Mar-17	White Rhino	None possible	17Z075
16-Mar-17	White Rhino	Poached animal	17Z071
16-Mar-17	White Rhino	Suspected starvation	17Z072
17-Mar-17	Eye lash Viper	Suspected starvation	17Z080
24-Mar-17	Ring tailed Lemur	Multiple system disease with suspected terminal Yersiniosis	17Z081
24-Mar-17	African Penguin	Suspected complications of yolk sac infection	17Z082
27-Mar-17	Prehensile tailed Skink	Complications of con-specific trauma	17Z083
30-Mar-17	White Rhino	Poached animal (TB monitoring)	17Z084
04-Apr-17	Cheetah	Suspected abortion with secondary endometritis	17Z085
05-Apr-17	Cape Fur Seal	Suspected phalanx fracture	17Z087B
05-Apr-17	Florida snapping Turtle	Suspected bacterial enteritis while suffering from bile duct occlusion	17Z088
06-Apr-17	African Buffalo	Severe coccidiosis with secondary bacterial enteritis and septicaemia	17Z089
07-Apr-17	Red eyed Dove	Pox virus and haemosporozoan infection	17Z090
10-Apr-17	Cheetah	Feline infectious peritonitis	17Z086
13-Apr-17	Ostrich	Focal hepatitis, severe osteoarthropathy	17Z092
15-Apr-17	Lion	Suspected lymphocytic leukaemia	17Z091
19-Apr-17	Vervet monkey	Blunt trauma (hit by car)	17Z093

Kind regards,



Dr E Mitchell (néé Lane)

## DISEASE DISTRIBUTION REPORT AS REPORTED BY VETERINARIANS

### Table of Contents

<b><u>Internal Parasites</u></b>	<a href="#">Roundworms in general</a> , <a href="#">Resistant Round Worms</a> , <a href="#">Wireworm</a> , <a href="#">Brown stomach-worm</a> , <a href="#">Nodular worm</a> , <a href="#">Eye worm (<i>Thelazia rhodesii</i>)</a> , <a href="#">Tape Worms</a> , <a href="#">Parafilaria</a> , <a href="#">Liver fluke</a> , <a href="#">Conical Flukes</a> , <a href="#">Cysticercosis</a>
<b><u>External Parasites</u></b>	<a href="#">Blue ticks</a> , <a href="#">Resistant blue Ticks</a> , <a href="#">Heartwater (Bont) ticks</a> , <a href="#">Brown ear-ticks</a> , <a href="#">Bont-legged ticks</a> , <a href="#">Red-legged ticks</a> , <a href="#">Paralysis ticks</a> , <a href="#">Biting lice (red lice)</a> , <a href="#">Sucking lice (blue lice)</a> , <a href="#">Scab mites</a> , <a href="#">Nuisance Flies</a> , <a href="#">Blowflies</a> , <a href="#">Screw-worm</a> , <a href="#">Nasal bot larvae</a> , <a href="#">Midges</a>
<b><u>Tick-borne Diseases</u></b>	<a href="#">African red water</a> , <a href="#">Asiatic red water</a> , <a href="#">Anaplasmosis</a> , <a href="#">Heartwater</a> , <a href="#">Sweating Sickness</a> , <a href="#">Theileriosis</a>
<b><u>Insect Transmittable Diseases</u></b>	<a href="#">Lumpy skin disease</a> , <a href="#">Three-day-stiffsickness</a> , <a href="#">Blue tongue</a>
<b><u>Venereal Diseases</u></b>	<a href="#">Trichomonosis</a> , <a href="#">Vibriosis</a> , <a href="#">Pizzle disease</a>
<b><u>Bacterial Disease (other)</u></b>	<a href="#">Blackquarter</a> , <a href="#">Botulism</a> , <a href="#">Pulpy Kidney</a> , <a href="#">Swelled head disease</a> , <a href="#">Redgut (cattle)</a> , <a href="#">Blood gut (Sheep)</a> , <a href="#">Tetanus</a> , <a href="#">Salmonellosis</a> , <a href="#">Brucella abortus</a> , <a href="#">Brucella ovis</a> , <a href="#">Bovine Tuberculosis</a> , <a href="#">Johnes disease</a> , <a href="#">E.coli</a> , <a href="#">Enzootic Abortion</a> , <a href="#">Dermatophilosis (Lumpy Wool)</a> , <a href="#">Intrauterine Gangrene</a> , <a href="#">Fusibacterium necrophorum</a> , <a href="#">Listeriosis</a> , <a href="#">Other</a>
<b><u>Protozoal diseases (other)</u></b>	<a href="#">Besnoitiosis</a> , <a href="#">Coccidiosis</a> , <a href="#">Cryptosporidium</a>
<b><u>Fungal diseases</u></b>	<a href="#">Ringworm</a>
<b><u>Viral Diseases (other)</u></b>	<a href="#">BMC</a> , <a href="#">Rabies</a> , <a href="#">BVD (Bovine viral diarrhoea)</a> , <a href="#">IBR (Infectious bovine rhinotracheitis)</a> , <a href="#">Enzootic Bovine Leucosis (EBL)</a> , <a href="#">Jaagsiekte</a> , <a href="#">Orf</a> , <a href="#">Warts</a> , <a href="#">Rota virus</a> , <a href="#">Corona Virus</a>
<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="#">Kikuyu poisoning</a> , <a href="#">Lantana</a> , <a href="#">Lupine Poisoning</a> , <a href="#">Nitrate poisoning</a> , <a href="#">Prussic acid poisoning</a> , <a href="#">Rye grass poisoning</a> , <a href="#">Seneciosis</a> , <a href="#">Tulip Poisoning</a> , <a href="#">Vermeersiekte (<i>Gaigeria</i> spp.)</a> , <a href="#">Mycotoxocosis</a> , <a href="#">Other</a>
<b><u>Poisonings</u></b>	<a href="#">Urea Poisoning</a> , <a href="#">Snake Bite</a> , <a href="#">Chemical products</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="#">Copper deficiency</a> , <a href="#">Selenium 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="#">Blood gut (sheep and goat)</a> , <a href="#">Blue udder</a> , <a href="#">Diarrhoea</a> , <a href="#">Eye Cancer</a> , <a href="#">Eye infections</a> , <a href="#">Joint Ill</a> , <a href="#">Lameness/Foot</a>



	<a href="#">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><u>Metabolic Diseases</u></b>	<a href="#">Acidosis</a> , <a href="#">Displaced abomasum</a> , <a href="#">Ketosis</a> , <a href="#">Milk Fever</a>
<b><u>Reproductive diseases</u></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><u>Climatical Cause</u></b>	<a href="#">Cold exposure</a> , <a href="#">Drought</a> , <a href="#">Lightning</a>
<b><u>Non specific diseases</u></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>	2.4 (11)	3.0 (1)	3.0 (2)	2.5 (4)	2.3 (12)	2.2 (13)	2.2 (6)	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 (2)					2.0 (3)			
<b>Sheep</b>	2.7 (6)	3.0 (1)	3.0 (1)	2.3 (3)	2.4 (11)	2.4 (7)	1.8 (4)	2.5 (2)	
<b>Goat</b>	2.0 (3)		3.0 (1)	3.0 (1)	1.0 (1)	2.0 (3)	3.0 (2)		

#### Mpumalanga

##### Balfour, Balfour Dierkliniek

Beef: 1, Sheep: 1, Goat: 1

##### Delmas, Rietkol Veterinêre spreekkamer

Sheep: 3, Goat: 2

##### Ermelo, Moregloed Veterinêre Spreekkamer

Sheep: 3

##### Middelburg, Middelburg Dierhospitaal

Sheep: 3, Goat: 3

##### Standerton, Econovet

Beef: 3, Sheep: 3

##### Volkswest, Cape Cross Volkswest Dierhospitaal

Sheep: 3

#### Gauteng

##### Pretoria, Anima Veterinary Consulting Rooms

Sheep: 3

#### Limpopo

##### Polokwane, Pietersburg Veterinary Clinic

Sheep: 3, Goat: 3

#### North West

##### Christiana, Christiana Dierhospitaal

Sheep: 3

##### Klerksdorp, Klerksdorp Dierhospitaal

Sheep: 3, Goat: 3

##### Ventersdorp, Buffelsvlei Dierkliniek

Sheep: 1

## **Free State**

### **Bloemfontein, Dr Stephan Wessels**

Sheep: 3

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

Sheep: 2

### **Bultfontein, Greylingrust Dieresprekkamer**

Sheep: 1

### **Clocolan, Clocolan Dierekliniek**

Sheep: 3

### **Ficksburg, Oos-Vrystaat Diereprodukte**

Sheep: 3

### **Harrismith, Harrismith Dierehospitaal**

Sheep: 2

### **Hoopstad, Hoopstad Dierekliniek**

Sheep: 3

### **Kroonstad, Kroonstad Dierehospitaal**

Sheep: 2

### **Ladybrand, Ladybrand**

Sheep: 3

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

Sheep: 3

### **Wesselsbron, Wesselsbron Dierekliniek**

Sheep: 1, Goat: 1

## **Kwazulu-Natal**

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

Beef: 2, Sheep: 2, Goat: 2

### **Dundee, Dr. Paul Reynolds CSS Vet**

Sheep: 3

### **Eshowe, Eshowe Veterinary Hospital**

Sheep: 2

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

Beef: 2, Sheep: 2, Goat: 2

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

Sheep: 3

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

Sheep: 2

### **Mooi River, Moirivier Vet Clinic**

Sheep: 3

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

Beef: 2, Goat: 2

## **Eastern Cape**

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

Sheep: 2, Goat: 3

### **Middelburg (EC), Steynsburg Dierehospitaal**

Sheep: 3, Goat: 3

### **Queenstown, Queenstown Veterinary clinic**

Sheep: 1

### **Uitenhage, Uitenhage Dierehospitaal**

Sheep: 1

## **Western Cape**

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

Sheep: 2

Long-necked bankruptworm

### **Swellendam, Swellendam Dierehospitaal**

Sheep: 3

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.5 (2)	2.0 (1)	3.0 (2)	3.0 (1)	2.2 (6)	2.5 (2)	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>	3.0 (1)	2.0 (1)	3.0 (1)	3.0 (1)	2.2 (6)	2.5 (2)		1.0 (1)	
<b>Goat</b>	2.0 (1)		3.0 (1)				1.0 (1)		

### Mpumalanga

#### Nelspruit, Nelspruit Animal Hospital

Goat: 2

#### Volksrust, Cape Cross Volksrust Dierehospitaal

Sheep: 3

### Gauteng

#### Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

### Limpopo

#### Polokwane, Pietersburg Veterinary Clinic

Sheep: 3, Goat: 3

### North West

#### Christiana, Christiana Dierehospitaal

Sheep: 3

### Free State

#### Bloemfontein, Dr Stephan Wessels

Sheep: 3

#### Clocolan, Clocolan Dierekliniek

Sheep: 1

#### Harrismith, Harrismith Dierehospitaal

Sheep: 2

#### Hoopstad, Hoopstad Dierekliniek

Sheep: 3

#### Reitz, Riemland Dierehospitaal

Sheep: 2

#### Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

### Kwazulu-Natal

#### Bergville, Tugela Vet Clinic

Sheep: 2

#### Mooi River, Mooirivier Vet Clinic

Sheep: 3

### Eastern Cape

#### Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 1

### Western Cape

#### Caledon, Overberg Veterinary Hospital

Sheep: 1

## Wireworm



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (8)	2.0 (1)	2.0 (1)	2.0	2.3	2.2 (6)	1.3 (3)	2.0 (1)	3.0 (2)

				(2)	(12)				
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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)				3.0 (1)				
<b>Sheep</b>	1.8 (5)	2.0 (1)	2.0 (1)	2.0 (2)	2.4 (10)	2.3 (4)	1.0 (1)	2.0 (1)	3.0 (2)
<b>Goat</b>	2.0 (2)				1.0 (1)	2.0 (2)	1.5 (2)		

### **Mpumalanga**

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

Sheep: 1

#### **Delmas, Rietkol Veterinêre spreekkamer**

Sheep: 3, Goat: 2

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

Sheep: 1

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

Goat: 2

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

Sheep: 1

#### **Standerton, Econovet**

Beef: 3, Sheep: 3

### **Gauteng**

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

Sheep: 2

### **Limpopo**

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

Sheep: 2

6 cases

### **North West**

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

Sheep: 1

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

Sheep: 3

### **Free State**

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

Sheep: 1

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

Sheep: 3

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

Sheep: 3

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

Sheep: 3

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

Sheep: 2

#### **Ladybrand, Ladybrand**

Sheep: 3

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

Sheep: 2

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

Sheep: 2

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

Sheep: 3

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

Sheep: 2, Goat: 1

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

Beef: 3

### Kwazulu-Natal

#### Camperdown, Camperdown Vet Clinic

Sheep: 2, Goat: 2

#### Dundee, Dr. Paul Reynolds CSS Vet

Sheep: 3

#### Estcourt, Estcourt Vet Clinic

Sheep: 2, Goat: 2

#### Kokstad, E.G.Veterinary Services

Sheep: 2

### Eastern Cape

#### Aliwal North, Hertzogbrug Dierekliniek

Goat: 1

#### Graaff-Reinet, Camdeboo Veterinary Clinic

Sheep: 1, Goat: 2

### Western Cape

#### Wellington, Wellington Dierehospitaal

Sheep: 2

Two farms

### Northern Cape

#### Colesberg, Karoo Veterinary Hospital

Sheep: 3

#### Kuruman, Dr. Lea Shuda

Sheep: 3

## Brown stomach-worm

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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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

Sheep

1.0 (1)

Goat

2.0 (1)

### Eastern Cape

#### Graaff-Reinet, Camdeboo Veterinary Clinic

Sheep: 1, Goat: 2

## Nodular worm

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

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

Sheep

3.0  
(1)

### North West

#### Vryburg, Vryburg Dierehospitaal

Sheep: 3

## Eye worm (*Thelazia rhodesii*) [^](#)

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)				
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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)				
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**Free State**  
**Winburg, Winburg Dierekliniëk**  
 Beef: 2

## Tape 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 (2)	2.0 (1)	1.0 (1)	2.0 (2)	2.3 (7)	2.0 (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 (2)				
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<b>Sheep</b>	2.0 (1)	2.0 (1)	1.0 (1)	2.0 (2)	2.8 (4)				
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<b>Goat</b>	2.0 (1)				1.0 (1)	2.0 (1)			
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**Mpumalanga**  
**Nelspruit, Nelspruit Animal Hospital**  
 Goat: 2

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

**Gauteng**  
**Pretoria, Anima Veterinary Consulting Rooms**  
 Sheep: 2

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

**North West**  
**Ventersdorp, Buffelsvlei Dierekliniëk**  
 Sheep: 1

**Vryburg, Vryburg Dierehospitaal**  
 Sheep: 3

Liver tapeworm

**Free State**

**Bloemfontein, Dr Stephan Wessels**  
 Sheep: 3

**Clocolan, Clocolan Dierekliniëk**  
 Beef: 1, Sheep: 2

**Ficksburg, Oosvrystaat Diere Produkte**

Sheep: 3

**Harrismith, Harrismith Dierehospitaal**

Beef: 3, Sheep: 3

**Wesselsbron, Wesselsbron Dierekliniek**

Goat: 1

**Kwazulu-Natal****Dundee, Dr. Paul Reynolds CSS Vet**

Goat: 2

**Parafilaria**

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

Beef: 3

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

Beef: 2

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 1

**Liver fluke**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.4 (7)			2.0 (2)	2.3 (7)	1.8 (4)	1.3 (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 (4)			3.0 (1)	2.2 (5)	1.7 (3)	2.0 (1)		
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<b>Dairy</b>								2.0 (1)	
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<b>Sheep</b>	2.7 (3)			1.0 (1)	2.5 (2)	2.0 (1)	1.0 (1)		
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<b>Goat</b>							1.0 (1)		
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**Mpumalanga****Balfour, Balfour Dierekliniek**

Beef: 1

**Middelburg, Middelburg Dierehospitaal**

Beef: 3, Sheep: 3

**Standerton, Econovet**

Beef: 3, Sheep: 3

**Volkstrust, Cape Cross Volkstrust Dierehospitaal**

Beef: 2, Sheep: 2

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

Beef: 3

Vleis

**Ventersdorp, Buffelsvlei Dierekliniek**

Sheep: 1

**Free State**

**Harrismith, Harrismith Dierehospitaal**

Beef: 2

**Memel, Memel Veterinary Clinic**

Beef: 3, Sheep: 2

**Senekal, Senekal Dierekliniek**

Beef: 1

**Vrede, Vrede Dierehospitaal**

Beef: 3, Sheep: 3

**Winburg, Winburg Dierekliniek**

Beef: 2

**Kwazulu-Natal**

**Bergville, Tugela Vet Clinic**

Beef: 1

**Dundee, Dr. Paul Reynolds CSS Vet**

Beef: 2

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 2, Sheep: 2

**Eastern Cape**

**Aliwal North, Hertzogbrug Dierekliniek**

Goat: 1

**Middelburg (EC), Steynsburg Dierehospitaal**

Sheep: 1

**Queenstown, Queenstown Veterinary clinic**

Beef: 2

**Western Cape**

**Heidelberg (WC), Heidelberg Dierekliniek**

Dairy: 2

**Conical Flukes**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.8 (5)	1.0 (1)		3.0 (1)	1.5 (4)	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>	2.0 (3)	1.0 (1)		3.0 (1)	1.5 (4)	3.0 (1)			
<b>Dairy</b>	1.0 (1)								
<b>Sheep</b>	2.0 (1)								

**Mpumalanga**

**Balfour, Balfour Dierekliniek**

Beef: 1

**Bethal, Bethal Dierekliniek**

Dairy: 1

**Grootvlei, Grootvlei Dierekliniek**

Beef: 2

**Standerton, Econovet**

Beef: 3, Sheep: 2

**Gauteng**



**Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 1

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

Beef: 3

Vleis

**Free State****Bethlehem, Bethlehem State Vet**

Beef: 1

**Ficksburg, Oosvrystaat Diere Produkte**

Beef: 1

**Harrismith, Harrismith Dierehospitaal**

Beef: 2

**Winburg, Winburg Dierekliniek**

Beef: 2

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

Beef: 3

**Cysticercosis**

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

**Gauteng****Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 1

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

Beef: 1

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

Beef: 2

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

Sheep: 1

**Northern Cape****Kimberley, Kimberley Dierekliniek**

Beef: 1

Taenia hydatigena

**External Parasites****Blue ticks**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.7 (9)	2.0 (2)	2.3 (3)	3.0	2.5	2.6 (14)	2.5 (6)	2.0 (2)	

				(3)	(20)			
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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)	2.0 (2)	2.3 (3)	3.0 (3)	2.5 (16)	2.6 (10)	2.5 (4)	2.0 (1)
<b>Dairy</b>					2.5 (2)	2.8 (4)	2.5 (2)	2.0 (1)
<b>Sheep</b>	3.0 (1)				2.5 (2)			

### **Mpumalanga**

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

Beef: 3, Sheep: 3

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

Beef: 3

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

Beef: 2

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

Beef: 1

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

Beef: 3

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

Beef: 3

#### **Standerton, Econovet**

Beef: 3

#### **Volkswest, Cape Cross Volkswest Dierehospitaal**

Beef: 3

### **Gauteng**

#### **Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 2

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

Beef: 2

### **Limpopo**

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

Beef: 3

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

Beef: 1

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

Beef: 3

### **North West**

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

Beef: 3

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

Beef: 3

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

Beef: 3

### **Free State**

#### **Bloemfontein, Dr Stephan Wessels**

Beef: 3

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

Beef: 2

#### **Dewetsdorp, Platkop Dierekliniek**

Beef: 2, Sheep: 2

#### **Ficksburg, Oos-Vrystaat Diereprodukte**

Beef: 3

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

Beef: 3, Dairy: 3

**Harrismith, Harrismith Dierehospitaal**

Beef: 3

**Hoopstad, Hoopstad Dierekliniek**

Beef: 3, Sheep: 3

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 2, Dairy: 2

**Memel, Memel Veterinary Clinic**

Beef: 2

**Reitz, Riemland Dierehospitaal**

Beef: 3

**Senekal, Senekal Dierekliniek**

Beef: 1

**Viljoenskroon, Viljoenskroon Dierekliniek**

Beef: 3

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 3

**Vrede, Vrede Dierehospitaal**

Beef: 3

**Wesselsbron, Wesselsbron Dierekliniek**

Beef: 1

**Winburg, Winburg Dierekliniek**

Beef: 3

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

Beef: 3

**Bergville, Tugela Vet Clinic**

Beef: 2

**Dundee, Dr. Paul Reynolds CSS Vet**

Beef: 2

**Dundee, Endumeni Herd Health**

Beef: 3

**Estcourt, Estcourt Vet Clinic**

Beef: 3, Dairy: 3

**Howick, Howick Veterinary Clinic**

Beef: 3, Dairy: 3

**Mooi River, Mooirivier Vet Clinic**

Dairy: 3

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 3

No frost yet

**Underberg, Underberg Veterinary Surgery**

Beef: 2, Dairy: 2

**Vryheid, Dr GH Theron**

Beef: 3

**Eastern Cape****Alexandria, Alexandria Platteland Spreekkamer**

Beef: 2, Dairy: 2

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

Beef: 2

**Humansdorp, Humansdorp Veterinary Clinic**

Beef: 3, Dairy: 3

**Stutterheim, Stutterheim Veterinary Clinic**

Beef: 3

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

Dairy: 2

**Oudtshoorn, Oudtshoorn Dierekliniek**

Beef: 2

## Resistant blue Ticks [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (2)				2.3 (4)	2.7 (3)	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 (2)				2.3 (4)	2.5 (2)	1.0 (1)		
<b>Dairy</b>						3.0 (1)	1.0 (1)		

### Mpumalanga

#### Piet Retief, Pets Vet Hospital

Beef: 1

#### Standerton, Econovet

Beef: 1

### Free State

#### Bloemfontein, Dr Stephan Wessels

Beef: 2

#### Harrismith, Harrismith Dierehospitaal

Beef: 2

#### Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

#### Winburg, Winburg Dierekliniek

Beef: 3

### Kwazulu-Natal

#### Bergville, Bergville Veterinary Clinic

Beef: 2

#### Mooi River, Mooirivier Vet Clinic

Dairy: 3

#### Pietermaritzburg, Richmond Veterinay Clinic

Beef: 3

### Eastern Cape

#### Humansdorp, Humansdorp Veterinary Clinic

Beef: 1, Dairy: 1

## Heartwater (Bont) ticks [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.3 (3)	2.0 (4)	2.1 (7)	2.3 (4)		1.5 (8)	1.7 (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>	2.5 (2)	2.0 (3)	2.3 (3)	2.0 (1)		1.8 (4)	2.0 (1)		
<b>Dairy</b>							2.0 (1)		
<b>Sheep</b>	2.0 (1)	2.0 (1)	2.0 (2)	2.5 (2)		1.0 (2)			
<b>Goat</b>			2.0 (2)	2.0		1.5 (2)	1.0 (1)		

**Mpumalanga****Middelburg , Middelburg Dierehospitaal**

Beef: 2, Sheep: 2

**Nelspruit, Nelspruit Animal Hospital**

Beef: 3

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

Beef: 2

**Pretoria, Anima Veterinary Consulting Rooms**

Beef: 2, Sheep: 2

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

Beef: 2

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

Beef: 3

**Mokopane, Dr Henk Visser**

Beef: 1, Sheep: 1, Goat: 1

**Polokwane, Pietersburg Veterinary Clinic**

Beef: 3, Sheep: 3, Goat: 3

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

Sheep: 3

**Klerksdorp, Klerksdorp Dierehospitaal**

Sheep: 2, Goat: 2

**Lichtenburg, Silver Cross veterinary Herd Health**

Beef: 2

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

Beef: 2

**Bergville, Tugela Vet Clinic**

Sheep: 1

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2, Goat: 2

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 2

**Pongola, Pongola Animal Clinic**

Beef: 1, Sheep: 1, Goat: 1

**Eastern Cape****Alexandria, Alexandria Platteland Spreekkamer**

Beef: 2, Dairy: 2

**Nieu Bethesda , Dr Mac Mc Farlane**

Goat: 1

**Brown ear-ticks**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.3 (4)	1.5 (2)	3.0 (2)		1.7 (3)	2.5 (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>	1.3 (3)	1.5 (2)	3.0 (1)		1.7 (3)	2.5 (4)			
<b>Sheep</b>	1.0 (1)		3.0 (1)						

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

Beef: 1, Sheep: 1

**Lydenburg, Lydenburg Dieresprekkamer**

Beef: 1

**Middelburg, Middelburg Dierehospitaal**

Beef: 2

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

Beef: 1

**Pretoria, Anima Veterinary Consulting Rooms**

Beef: 2

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

Beef: 3, Sheep: 3

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

Beef: 2

**Reitz, Riemland Dierehospitaal**

Beef: 1

**Vrede, Vrede Dierehospitaal**

Beef: 2

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

Beef: 2

**Estcourt, Estcourt Vet Clinic**

Beef: 3

**Newcastle, Ncanduvet Newcastle**

Beef: 3

**Pongola, Pongola Animal Clinic**

Beef: 2

**Bont-legged ticks**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.7 (3)		3.0 (3)	2.5 (2)	2.6 (10)	2.0 (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>	1.7 (3)		3.0 (2)	2.5 (2)	2.4 (7)	2.0 (1)	3.0 (1)		
<b>Dairy</b>					3.0 (1)				
<b>Sheep</b>			3.0 (1)		3.0 (2)		3.0 (1)		2.0 (1)
<b>Goat</b>									2.0 (1)

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

Beef: 2

**Lydenburg, Lydenburg Dieresprekkamer**

Beef: 1

**Middelburg, Middelburg Dierehospitaal**

Beef: 2

**Limpopo**

**Makhado, Blouberg Dierekliniek**

Beef: 3

**Polokwane, Pietersburg Veterinary Clinic**

Beef: 3, Sheep: 3

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

Beef: 3

**Lichtenburg, Silver Cross veterinary Herd Health**

Beef: 2

**Free State****Bethlehem, Bethlehem State Vet**

Beef: 2

**Clocolan, Clocolan Dierekliniek**

Beef: 2

**Hoopstad, Hoopstad Dierekliniek**

Beef: 3, Sheep: 3

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 3, Dairy: 3, Sheep: 3

**Memel, Memel Veterinary Clinic**

Beef: 3

**Vrede, Vrede Dierehospitaal**

Beef: 2

**Winburg, Winburg Dierekliniek**

Beef: 2

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

Beef: 2

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

Beef: 3, Sheep: 3

**Northern Cape****Kuruman, Kuruman Dierekliniek**

Sheep: 2, Goat: 2

**Red-legged ticks**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.2 (5)		3.0 (1)	3.0 (3)	2.8 (8)	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>	1.3 (3)		3.0 (1)	3.0 (2)	2.6 (5)	2.0 (2)			
<b>Dairy</b>						2.0 (1)			
<b>Sheep</b>	1.0 (1)			3.0 (1)	3.0 (3)				
<b>Goat</b>	1.0 (1)								

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

Beef: 1, Sheep: 1, Goat: 1

**Lydenburg, Lydenburg Dieresprekkamer**

Beef: 1

**Nelspruit, Nelspruit Animal Hospital**

Beef: 2

<b>Limpopo</b>
<b>Makhado, Blouberg Dierekliniek</b>
Beef: 3
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 3
<b>Lichtenburg, Silver Cross veterinary Herd Health</b>
Beef: 3, Sheep: 3
<b>Free State</b>
<b>Bethlehem, Bethlehem State Vet</b>
Beef: 2
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 2
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3, Sheep: 3
<b>Kroonstad, Kroonstad Dierehospitaal</b>
Beef: 3, Sheep: 3
<b>Memel, Memel Veterinary Clinic</b>
Beef: 3, Sheep: 3
<b>Kwazulu-Natal</b>
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>
Beef: 2
<b>Underberg, Underberg Veterinary Surgery</b>
Beef: 2, Dairy: 2

### Paralysis ticks [^](#)

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)		

<b>Free State</b>
<b>Bloemfontein, Dr Stephan Wessels</b>
Beef: 1
<b>Eastern Cape</b>
<b>Middelburg (EC), Steynsburg Dierehospitaal</b>
Sheep: 1

### Biting lice (red lice) [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)				1.8 (4)		1.3 (3)	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				
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<b>Average</b>	2.0 (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)	1.0 (1)
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**Mpumalanga**

**Delmas, Rietkol Veterinêre spreekkamer**

Sheep: 2

**Free State**

**Bloemfontein, Dr Stephan Wessels**

Sheep: 1

**Nuisance Flies**

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

**Mpumalanga**

**Balfour, Balfour Dierekliniek**

Beef: 2, Sheep: 2, Goat: 2

**Free State**

**Ficksburg, Oosvrystaat Diere Produkte**

Beef: 2, Dairy: 2

**Kwazulu-Natal**

**Bergville, Bergville Veterinary Clinic**

Beef: 2

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Underberg, Underberg Veterinary Surgery**

Beef: 2, Dairy: 2, Sheep: 2

**Blowflies**

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

### Mpumalanga

#### Balfour, Balfour Dierekliniek

Sheep: 1

### Gauteng

#### Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

### Limpopo

#### Mokopane, Dr Henk Visser

Beef: 1

#### Polokwane, Pietersburg Veterinary Clinic

Sheep: 1

### Free State

#### Hoopstad, Hoopstad Dierekliniek

Sheep: 3

#### Winburg, Winburg Dierekliniek

Beef: 2

### Western Cape

#### Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 2

## Screw-worm

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

### Mpumalanga

#### Lydenburg, Lydenburg Dieresprekkamer

Beef: 2

#### Nelspruit, Nelspruit Animal Hospital

Beef: 2

### Limpopo

#### Mokopane, Dr Henk Visser

Beef: 1

### Kwazulu-Natal

#### Camperdown, Camperdown Vet Clinic

Beef: 1, Goat: 1

#### Dundee, Dr. Paul Reynolds CSS Vet

Beef: 2

## Nasal bot larvae

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

### Mpumalanga

#### Standerton, Econovet

Sheep: 3

### Gauteng

#### Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 2, Goat: 1

### Free State

#### Bultfontein, Greylingrust Dieresprekkamer

Sheep: 1

#### Clocolan, Clocolan Dierekliniek

Sheep: 2

#### Ficksburg, Oosvrystaat Dier Produkte

Sheep: 2

#### Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

#### Reitz, Riemland Dierehospitaal

Sheep: 2

### Kwazulu-Natal

#### Camperdown, Camperdown Vet Clinic

Goat: 1

## Midges

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

### Mpumalanga

#### Balfour, Balfour Dierekliniek

Beef: 2

### Free State

#### Clocolan, Clocolan Dierekliniek

Beef: 2, Dairy: 2, Sheep: 2

### Kwazulu-Natal

#### Bergville, Bergville Veterinary Clinic

Beef: 2

## 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>	2.2 (6)	2.0 (1)	2.5 (2)	1.0 (1)	2.1 (7)	2.3 (12)	2.0 (4)	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>	2.2 (5)	2.0 (1)	2.5 (2)	1.0 (1)	2.1 (7)	2.3 (8)	1.0 (2)		
<b>Dairy</b>	2.0 (1)					2.5 (4)	3.0 (2)	2.0 (2)	

#### **Mpumalanga**

##### **Delmas, Rietkol Veterinêre spreekkamer**

Beef: 2, Dairy: 2

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

Beef: 1

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

Beef: 3

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

Beef: 2

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

Beef: 3

#### **Gauteng**

##### **Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 2

#### **Limpopo**

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

Beef: 2

5 cases

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

Beef: 3

#### **North West**

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

Beef: 1

#### **Free State**

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

Beef: 3

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

Beef: 2

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

Beef: 2

##### **Viljoenskroon, Viljoenskroon Dierekliniek**

Beef: 1

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

Beef: 2

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

Beef: 3

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

Beef: 2

#### **Kwazulu-Natal**

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

Beef: 2

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

Beef: 2

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

Beef: 2

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

Dairy: 2

**Howick, Howick Veterinary Clinic**

Beef: 3, Dairy: 3

**Mooi River, Mooirivier Vet Clinic**

Beef: 3, Dairy: 3

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 1

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 3

**Underberg, Underberg Veterinary Surgery**

Beef: 2, Dairy: 2

**Eastern Cape**

**Alexandria, Alexandria Platteland Spreekkamer**

Beef: 1

**Aliwal North, Hertzogbrug Dierekliniek**

Beef: 1

**Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 3

**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 3

**Western Cape**

**George, Deltamune**

Dairy: 2

**Heidelberg (WC), Heidelberg Dierekliniek**

Dairy: 2

**Asiatic red water**



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.5 (10)	1.8 (5)	2.5 (2)	2.0 (1)	2.3 (7)	2.0 (12)	2.3 (3)	1.7 (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>	2.6 (9)	1.8 (5)	2.5 (2)	2.0 (1)	2.3 (7)	1.9 (9)	3.0 (1)	1.5 (2)	
<b>Dairy</b>	2.0 (1)					2.3 (3)	2.0 (2)	2.0 (1)	

**Mpumalanga**

**Balfour, Balfour Dierekliniek**

Beef: 3

**Bethal, Bethal Dierekliniek**

Beef: 3

**Delmas, Rietkol Veterinêre spreekkamer**

Beef: 2, Dairy: 2

**Ermelo, Moregloed Veterinêre Spreekkamer**

Beef: 3

**Lydenburg, Lydenburg Dieresprekkamer**

Beef: 3

**Middelburg, Middelburg Dierehospitaal**

Beef: 3

**Piet Retief, Pets Vet Hospital**

Beef: 2

**Standerton, Econovet**

Beef: 3

**Volksrust, Cape Cross Volksrust Dierehospitaal**

Beef: 1

**Gauteng****Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 3

**Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 1

**Magaliesburg, Magaliesburg; Dr Ryan Jeffrey**

Beef: 2

**Muldersdrift, Muldersdrift Animal Hospital**

Beef: 2

**Nigel, Welgelegen Dierekliniek**

Beef: 1

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

Beef: 2

6 cases

**Polokwane, Pietersburg Veterinary Clinic**

Beef: 3

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

Beef: 2

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

Beef: 3

**Harrismith, Harrismith Dierehospitaal**

Beef: 2

**Memel, Memel Veterinary Clinic**

Beef: 2

**Reitz, Riemland Dierehospitaal**

Beef: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2

**Vrede, Vrede Dierehospitaal**

Beef: 3

**Winburg, Winburg Dierekliniek**

Beef: 2

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

Beef: 2

**Bergville, Tugela Vet Clinic**

Beef: 2

**Camperdown, Camperdown Vet Clinic**

Beef: 1

**Dundee, Endumeni Herd health**

Beef: 2

**Eshowe, Eshowe Veterinary Hospital**

Beef: 1

Calf

**Estcourt, Estcourt Vet Clinic**

Dairy: 2

**Mooi River, Mooirivier Vet Clinic**

Beef: 3, Dairy: 3

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 2

No frost yet

**Underberg, Underberg Veterinary Surgery**

Beef: 2, Dairy: 2

**Vryheid, Dr GH Theron**

Beef: 2

**Eastern Cape****Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 1

**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 3

**Port Alfred, Port Alfred Veterinary Clinic**

Beef: 3

Cannon rocks x5; Clumber x3; Southwell x3; Shaw park x5

**Western Cape**

**Oudtshoorn, Ostrimed**

Beef: 2

**Stellenbosch, Stellenbosch Animal Hospital**

Beef: 1

**Swellendam, Swellendam Dierehospitaal**

Dairy: 2

**Anaplasmosis**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.2 (5)	2.0 (1)		2.0 (2)	1.9 (21)	2.0 (8)	1.7 (3)	1.7 (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>	1.3 (4)	2.0 (1)		2.0 (2)	1.9 (17)	1.8 (6)	1.0 (2)	1.0 (1)	
<b>Dairy</b>	1.0 (1)				2.0 (4)	2.5 (2)	3.0 (1)	1.8 (5)	

**Mpumalanga**

**Balfour, Balfour Dierekliniek**

Beef: 1

**Bethal, Bethal Dierekliniek**

Beef: 1

**Grootvlei, Grootvlei Dierekliniek**

Beef: 2

**Middelburg, Middelburg Dierehospitaal**

Beef: 1

**Piet Retief, Pets Vet Hospital**

Dairy: 1

**Gauteng**

**Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 2

**North West**

**Christiana, Christiana Dierehospitaal**

Beef: 3

**Ventersdorp, Buffelsvlei Dierekliniek**

Beef: 1

**Free State**

**Bloemfontein, Dr Stephan Wessels**

Beef: 2

**Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 1

**Clocolan, Clocolan Dierekliniek**

Beef: 3, Dairy: 3

**Ficksburg, Oosvrystaat Dier Produkte**

Beef: 2

**Frankfort, Frankfort Dierekliniek**



Beef: 2

**Harrismith, Harrismith Dierehospitaal**

Beef: 2

**Hoopstad, Hoopstad Dierekliniek**

Beef: 3

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 2, Dairy: 2

**Ladybrand, Ladybrand**

Beef: 2

**Memel, Memel Veterinary Clinic**

Beef: 1

**Reitz, Froneman Veterinary Practice**

Beef: 1

**Reitz, Riemland Dierehospitaal**

Beef: 2

**Senekal, Senekal Dierekliniek**

Beef: 1

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2

**Vrede, Vrede Dierehospitaal**

Beef: 2, Dairy: 2

**Wesselsbron, Wesselsbron Dierekliniek**

Beef: 1, Dairy: 1

**Winburg, Winburg Dierekliniek**

Beef: 3

**Kwazulu-Natal**

**Bergville, Bergville Veterinary Clinic**

Beef: 3

**Bergville, Tugela Vet Clinic**

Beef: 2

**Estcourt, Estcourt Vet Clinic**

Dairy: 3

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

Beef: 2

**Mooi River, Mooirivier Vet Clinic**

Beef: 1

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 1

**Underberg, Underberg Veterinary Surgery**

Beef: 2, Dairy: 2

**Eastern Cape**

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

Beef: 1

**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 3

**Port Alfred, Port Alfred Veterinary Clinic**

Beef: 1

Bathurst

**Western Cape**

**George, Deltamune**

Dairy: 2

**Heidelberg (WC), Heidelberg Dierekliniek**

Dairy: 2

**Malmesbury, Invitrotech**

Dairy: 3

Seventeen cases

**Stellenbosch, Stellenbosch Animal Hospital**

Dairy: 1

**Swellendam, Swellendam Dierehospitaal**

Dairy: 1

**Wellington, Wellington Dierehospitaal**

Beef: 1

**Heartwater**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.7 (3)	1.5 (2)	2.8 (5)	1.7 (3)		1.4 (7)	1.7 (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)	1.0 (1)	3.0 (2)	2.0 (1)		1.7 (3)	2.0 (1)		
<b>Sheep</b>		2.0 (1)	2.5 (2)	1.5 (2)		1.0 (1)	1.0 (1)		
<b>Goat</b>	2.0 (1)		3.0 (1)			1.3 (3)	2.0 (1)		

**Mpumalanga****Middelburg , Middelburg Dierehospitaal**

Beef: 2

**Nelspruit, Nelspruit Animal Hospital**

Beef: 1

**Piet Retief, Pets Vet Hospital**

Goat: 2

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

Beef: 1

**Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 2

**Limpopo****Bela-Bela, Warmbad Dierekliniek**

Sheep: 2

**Makhado, Blouberg Dierekliniek**

Beef: 3

10 cases

**Polokwane, Pietersburg Veterinary Clinic**

Beef: 3, Sheep: 3, Goat: 3

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

Beef: 2, Sheep: 2

**Klerksdorp, Klerksdorp Dierehospitaal**

Sheep: 1

Heartwater seen in areas where it never occurred before

**Kwazulu-Natal****Bergville, Tugela Vet Clinic**

Sheep: 1

**Camperdown, Camperdown Vet Clinic**

Goat: 1

**Eshowe, Eshowe Veterinary Hospital**

Beef: 1

Speculation cattle

**Estcourt, Estcourt Vet Clinic**

Beef: 2

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2, Goat: 2

**Pongola, Pongola Animal Clinic**

Goat: 1

### Eastern Cape

**Bathurst, Dr Jane Pistorius**

Goat: 2

Three heartwater cases

**Port Alfred, Port Alfred Veterinary Clinic**

Beef: 2

Bathurst x1; Shaw park x1

**Uitenhage, Uitenhage Dierehospitaal**

Sheep: 1

## Sweating Sickness

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)				1.0 (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)
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### Gauteng

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

Beef: 1

### Free State

**Winburg, Winburg Dierekliniek**

Beef: 2

### Northern Cape

**Kathu, Kathu Dierekliniek**

Beef: 1

Calf

## Theileriosis

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

**Pongola, Pongola Animal Clinic**

Beef: 3

Huge problem - bovine carriers?

## Insect Transmittable Diseases

### Lumpy skin disease

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>	2.2 (6)	2.0 (2)	1.5 (2)	2.8 (6)	2.3 (13)	2.5 (13)	1.3 (4)	1.5 (2)	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>Beef</b>	2.2 (6)	2.0 (2)	1.5 (2)	2.8 (5)	2.3 (12)	2.5 (10)	1.3 (3)	1.0 (1)	1.5 (2)
<b>Dairy</b>				3.0 (1)	3.0 (1)	2.7 (3)	1.0 (1)	2.0 (1)	

### **Mpumalanga**

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

Beef: 1

#### **Delmas, Rietkol Veterinêre spreekkamer**

Beef: 2

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

Beef: 3

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

Beef: 3

Unusual mid winter outbreaks. All in vaccinated herds. Suspect to be Allerton and not the virulent Neethling strain

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

Beef: 2

#### **Standerton, Econovet**

Beef: 2

### **Gauteng**

#### **Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 2

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

Beef: 2

### **Limpopo**

#### **Bela-Bela, Warmbad Dierekliniek**

Beef: 2

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

Beef: 1

### **North West**

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

Beef: 3, Dairy: 3

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

Beef: 3

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

Beef: 2

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

Beef: 3

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

Beef: 3

### **Free State**

#### **Bloemfontein, Dr Stephan Wessels**

Beef: 3

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

Beef: 3, Dairy: 3

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

Beef: 2

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

Beef: 2

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

Beef: 3

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

Beef: 2

**Ladybrand, Ladybrand**

Beef: 3

**Reitz, Froneman Veterinary Practice**

Beef: 1

**Reitz, Riemland Dierehospitaal**

Beef: 3

**Senekal, Senekal Dierekliniek**

Beef: 1

**Vrede, Vrede Dierehospitaal**

Beef: 1

**Winburg, Winburg Dierekliniek**

Beef: 3

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

Beef: 3

**Bergville, Tugela Vet Clinic**

Beef: 2

**Dundee, Dr. Paul Reynolds CSS Vet**

Beef: 1

**Dundee, Endumeni Herd health**

Beef: 3, Dairy: 2

**Estcourt, Estcourt Vet Clinic**

Beef: 2, Dairy: 3

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Newcastle, Ncanduvet Newcastle**

Beef: 3

**Pongola, Pongola Animal Clinic**

Beef: 3

**Underberg, Underberg Veterinary Surgery**

Beef: 3, Dairy: 3

**Vryheid, Dr GH Theron**

Beef: 3

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

Beef: 1

One farm

**Graaff-Reinet, Camdeboo Veterinary Clinic**

Dairy: 1

**Middelburg (EC), Steynsburg Dierehospitaal**

Beef: 1

**Queenstown, Queenstown Veterinary clinic**

Beef: 2

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

Beef: 1

**Malmesbury, Dr Otto Kriek**

Dairy: 2

**Northern Cape****Kathu, Kathu Dierekliniek**

Beef: 1

**Kuruman, Kuruman Dierekliniek**

Beef: 2

**Three-day-stiffsickness**

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)	1.5 (2)	1.5 (2)	1.5 (2)	1.8 (5)	2.1 (12)	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)	1.5 (2)	1.5 (2)	1.8 (4)	2.0 (10)	1.0 (1)
<b>Dairy</b>					2.0 (1)	2.5 (2)	

### **Mpumalanga**

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

Beef: 1

### **Gauteng**

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

Beef: 1

#### **Muldersdrift, Muldersdrift Animal Hospital**

Beef: 2

### **Limpopo**

#### **Bela-Bela, Warmbad Dierekliniek**

Beef: 2

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

Beef: 1

### **North West**

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

Beef: 1

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

Beef: 2

### **Free State**

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

Dairy: 2

#### **Ficksburg, Oos-Vrystaat Diereprodukte**

Beef: 1

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

Beef: 2

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

Beef: 2

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

Beef: 2

### **Kwazulu-Natal**

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

Beef: 3

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

Beef: 3

#### **Camperdown, Camperdown Vet Clinic**

Beef: 1

#### **Dundee, Dr. Paul Reynolds CSS Vet**

Beef: 1

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

Beef: 2

#### **Eshowe, Eshowe Veterinary Hospital**

Beef: 2

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

Beef: 1

#### **Mooi River, Mooirivier Vet Clinic**

Beef: 1, Dairy: 2

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

Beef: 3

**Underberg, Underberg Veterinary Surgery**

Beef: 3, Dairy: 3

**Western Cape****Wellington, Wellington Dierhospitaal**

Beef: 1

Blue tongue									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		1.5 (2)		2.0 (2)	2.1 (7)	2.0 (1)	2.0 (2)	2.0 (2)	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)	
<b>Sheep</b>		1.5 (2)		2.0 (2)	2.2 (6)	2.0 (1)	2.0 (2)	2.0 (1)	2.5 (2)

**Gauteng****Bapsfontein, Bapsfontein Dierhospitaal**

Sheep: 2

**Bronkhorstspuit, Kerkstraat Dierkliniek**

Sheep: 1

**North West****Ventersdorp, Buffelsvlei Dierkliniek**

Sheep: 2

**Vryburg, Vryburg Dierhospitaal**

Sheep: 2

**Free State****Clocolan, Clocolan Dierkliniek**

Sheep: 2

**Ficksburg, Oos-Vrystaat Diereprodukte**

Sheep: 2

**Hertzogville, Hertzogville Dierkliniek**

Sheep: 2

**Hoopstad, Hoopstad Dierkliniek**

Sheep: 3

**Kroonstad, Kroonstad Dierhospitaal**

Sheep: 2

**Ladybrand, Ladybrand**

Sheep: 2

**Winburg, Winburg Dierkliniek**

Beef: 2

**Kwazulu-Natal****Dundee, Dr. Paul Reynolds CSS Vet**

Sheep: 2

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

Sheep: 2

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

Sheep: 2

This is the latest in the year that blue tongue had been diagnosed in this area.

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

Beef: 2

**Wellington, Wellington Dierehospitaal**

Sheep: 2

Sheep with fever on 2 farms, possibly non-typical blue tongue - 2 farms.

**Northern Cape****Calvinia, Calvinia Veeartskliniek**

Sheep: 3

**Kuruman, Kuruman Dierekliniek**

Sheep: 2

**Venereal Diseases****Trichomonosis**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (5)		1.5 (2)	2.4 (7)	2.1 (14)	2.4 (5)	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>	2.0 (5)		1.5 (2)	2.4 (7)	2.2 (13)	2.4 (5)	1.0 (1)		1.0 (1)
<b>Dairy</b>					1.0 (1)			1.0 (1)	

**Mpumalanga****Bethal, Bethal Dierekliniek**

Beef: 1

**Ermelo, M<sup>o</sup>regloed Veterin<sup>o</sup>re Spreekkamer**

Beef: 3

**Grootvlei, Grootvlei Dierekliniek**

Beef: 2

**Middelburg , Middelburg Dierehospitaal**

Beef: 2

**Standerton, Econovet**

Beef: 2

**Limpopo****Bela-Bela, Warmbad Dierekliniek**

Beef: 1

**Makhado, Blouberg Dierekliniek**

Beef: 2

2 cases

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

Beef: 2

**Klerksdorp, Klerksdorp Dierehospitaal**

Beef: 3

**Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 2

Seven bulls tested positive

**Lichtenburg, Dr CM Kruger-Rall**

Beef: 3

**Stella, Stella Dierekliniek**

Beef: 3

**Ventersdorp, Buffelsvlei Dierekliniek**

Beef: 1

**Vryburg, Vryburg Dierehospitaal**



Beef: 3

### Free State

#### **Bloemfontein, Dr Stephan Wessels**

Beef: 1

One new bull on farm in Petrusburg area

#### **Ficksburg, Oosvrystaat Diere Produkte**

Beef: 1, Dairy: 1

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

Beef: 3

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

Beef: 2

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

Beef: 3

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

Beef: 3

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

Beef: 1

#### **Parys, Parys Dierekliniek**

Beef: 1

Lack of biosecurity

#### **Reitz, Froneman Veterinary Practice**

Beef: 2

#### **Senekal, Senekal Dierekliniek**

Beef: 2

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

Beef: 3

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

Beef: 3

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

Beef: 3

### Kwazulu-Natal

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

Beef: 2

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

Beef: 3

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

Beef: 2

#### **Mooi River, Mooirivier Vet Clinic**

Beef: 2

Routine testing - more and more cases found on farms along Greytown road

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

Beef: 3

### Eastern Cape

#### **Queenstown, Queenstown Veterinary clinic**

Beef: 1

### Western Cape

#### **Darling, Tygerberg Dierehospitaal Darling**

Dairy: 1

### Northern Cape

#### **Kuruman, Kuruman Dierekliniek**

Beef: 1

## Vibriosis



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	1.0 (1)	2.0 (1)	2.0	1.4	2.0 (3)	1.5 (2)		

				(3)	(7)		
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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 (1)	2.0 (1)	2.0 (3)	1.5 (6)	2.0 (3)	2.0 (1)
<b>Dairy</b>					1.0 (1)		1.0 (1)

#### **Mpumalanga**

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

Beef: 2

#### **Gauteng**

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

Beef: 1

#### **Limpopo**

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

Beef: 2

3 cases

#### **North West**

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

Beef: 2

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

Beef: 1

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

Beef: 3

#### **Free State**

##### **Bloemfontein, Dr Stephan Wessels**

Beef: 1

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

Beef: 1

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

Beef: 1

##### **Ficksburg, Oosvrystaat Dier Produkte**

Dairy: 1

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

Beef: 2

##### **Senekal, Senekal Dierekliniek**

Beef: 1

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

Beef: 3

#### **Kwazulu-Natal**

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

Beef: 2

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

Beef: 2

##### **Vryheid, Dr GH Theron**

Beef: 2

#### **Eastern Cape**

##### **Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 1

##### **Queenstown, Queenstown Veterinary clinic**

Beef: 2

### **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>	2.0 (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)
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**Eastern Cape**

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

Sheep: 2

**Bacterial Disease (other)**

**Blackquarter**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.8 (5)		2.0 (1)	3.0 (2)	2.2 (9)	2.0 (3)		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>Beef</b>	2.0 (3)		2.0 (1)	3.0 (2)	2.3 (8)	2.0 (3)		2.0 (1)	3.0 (1)
<b>Dairy</b>								1.0 (1)	
<b>Sheep</b>	1.0 (1)				2.0 (1)				
<b>Goat</b>	2.0 (1)								

**Mpumalanga**

**Ermelo, Mōregloed Veterinêre Spreekkamer**

Beef: 3

**Grootvlei, Grootvlei Dierekliniek**

Sheep: 1

**Piet Retief, Pets Vet Hospital**

Beef: 2, Goat: 2

**Standerton, Econovet**

Beef: 1

**Limpopo**

**Polokwane, Pietersburg Veterinary Clinic**

Beef: 2

**North West**

**Lichtenburg, Dr CM Kruger-Rall**

Beef: 3

Five calves died

**Vryburg, Vryburg Dierehospitaal**

Beef: 3

**Free State**

**Clocolan, Clocolan Dierekliniek**

Beef: 2

**Harrismith, Harrismith Dierehospitaal**

Beef: 3

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 2

**Ladybrand, Ladybrand**

Beef: 2

**Memel, Memel Veterinary Clinic**

Beef: 2, Sheep: 2

**Reitz, Riemland Dierehospitaal**

Beef: 2

**Trompsburg, Dr. Wyn Irwin**

Beef: 3

Three farms in the Bethulie district

**Winburg, Winburg Dierekliniek**

Beef: 2

**Kwazulu-Natal**

**Bergville, Bergville Veterinary Clinic**

Beef: 2

**Bergville, Tugela Vet Clinic**

Beef: 2

**Vryheid, Dr GH Theron**

Beef: 2

**Western Cape**

**Caledon, Caledon Dierekliniek**

Beef: 2

**Malmesbury, Invitrotech**

Dairy: 1

**Northern Cape**

**Colesberg, Karoo Veterinary Hospital**

Beef: 3

Calves

**Botulism**

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 (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					1.0 (1)		1.0 (1)	1.0 (1)	
Sheep								1.0 (1)	

**Free State**

**Clocolan, Clocolan Dierekliniek**

Beef: 1

**Eastern Cape**

**Queenstown, Queenstown Veterinary clinic**

Beef: 1

**Western Cape**

**Beaufort West, Beaufort West State Vet**

Beef: 1

Ded bboon in fodder

**Oudtshoorn, Ostrimed**

Sheep: 1

Northern Cape area – supplementary feed due to drought contaminated with decaying organic matter/ chronic problems with affected flock.

**Pulpy Kidney**

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)	1.5 (2)	3.0 (1)	3.0 (1)	2.0 (11)	2.0 (2)	2.0 (3)	1.0 (1)	2.3 (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>	1.0 (1)	1.5 (2)	3.0 (1)	3.0 (1)	2.0 (11)	2.0 (2)	2.0 (3)	1.0 (1)	2.3 (3)
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#### **Mpumalanga**

##### **Balfour, Balfour Diereklíníek**

Sheep: 1

#### **Gauteng**

##### **Bronkhorstspuit, Kerkstraat Diereklíníek**

Sheep: 1

##### **Nigel, Welgelegen Diereklíníek**

Sheep: 2

Fourth death due to acute pulpy kidney

#### **Limpopo**

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

Sheep: 3

#### **North West**

##### **Leeudoringstad, Leeudoringstad Diereklíníek**

Sheep: 3

#### **Free State**

##### **Bethlehem, Bethlehem State Vet**

Sheep: 2

##### **Bloemfontein, Dr Stephan Wessels**

Sheep: 2

##### **Clocolan, Clocolan Diereklíníek**

Sheep: 2

##### **Frankfort, Frankfort Diereklíníek**

Sheep: 3

##### **Hoopstad, Hoopstad Diereklíníek**

Sheep: 3

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

Sheep: 2

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

Sheep: 2

##### **Senekal, Senekal Diereklíníek**

Sheep: 1

##### **Viljoenskroon, Viljoenskroon Diereklíníek**

Sheep: 1

##### **Villiers, Wilgepoort Diereklíníek Vennootskap**

Sheep: 2

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

Sheep: 2

#### **Kwazulu-Natal**

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

Sheep: 1

##### **Mooi River, Mooirivier Vet Clinic**

Sheep: 3

#### **Eastern Cape**

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

Sheep: 2

##### **Middelburg (EC), Steynsburg Dierehospitaal**

Sheep: 3

##### **Uitenhage, Uitenhage Dierehospitaal**

Sheep: 1

#### **Western Cape**

**Ceres, Ceres Veterinary Hospital**

Sheep: 1

One lamb possibly pulpy kidney

**Northern Cape****Calvinia, Calvinia Veeartskliniek**

Sheep: 3

**Kimberley, Kimberley Dierekliniek**

Sheep: 2

**Philipstown, Rowelsfontein veearts Spreekkamer**

Sheep: 2

**Swelled head disease**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	3.0 (1)	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>	3.0 (1)	2.0 (1)			2.0 (1)				
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**Mpumalanga****Ermelo, Moregloed Veterinere Spreekkamer**

Beef: 3

Seven stud bulls died in feedlot. On another farm a bull died

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

Beef: 2

**Free State****Vrede, Vrede Dierehospitaal**

Beef: 2

**Redgut (cattle)**

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

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

Beef: 1

**North West****Ventersdorp, Buffelsvlei Dierekliniek**

Beef: 1

**Free State****Winburg, Winburg Dierekliniek**

Beef: 2

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

Dairy: 2

**Eastern Cape****Alexandria, Alexandria Platteland Spreekkamer**

Dairy: 2

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

Dairy: 1

**Blood gut (Sheep)**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)			2.0 (2)	2.0 (4)	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>	1.5 (2)			2.0 (2)	2.0 (4)	2.0 (1)			
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**Mpumalanga****Delmas, Rietkol Veterinêre spreekkamer**

Sheep: 2

**Middelburg, Middelburg Dierehospitaal**

Sheep: 1

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

Sheep: 3

**Ventersdorp, Buffelsvlei Dierekliniek**

Sheep: 1

**Free State****Bloemfontein, Dr Stephan Wessels**

Sheep: 2

**Harrismith, Harrismith Dierehospitaal**

Sheep: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 2

**Vrede, Vrede Dierehospitaal**

Sheep: 2

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

Sheep: 2

**Tetanus**

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)		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)	
<b>Sheep</b>				1.0					

(1)

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

Sheep: 1

**Kwazulu-Natal****Camperdown, Camperdown Vet Clinic**

Beef: 1

**Western Cape****Ceres, Ceres Veterinary Hospital**

Beef: 1

One calf

**Salmonellosis**

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)			

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

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

Dairy: 1

**Viljoenskroon, Viljoenskroon Dierekliniek**

Beef: 2

**Kwazulu-Natal****Bergville, Tugela Vet Clinic**

Beef: 1

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

Beef: 2

**Brucella abortus**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)		1.3 (3)	3.0 (3)	2.2 (12)				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>	1.0 (1)		1.3 (3)	3.0 (3)	2.2 (11)				3.0 (2)
<b>Dairy</b>					2.0 (1)				

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

Beef: 1

One herd



<b>Limpopo</b>									
<b>Makhado, Blouberg Dierekliniek</b>									
Beef: 2									
3 cases									
<b>Mokopane, Dr Henk Visser</b>									
Beef: 1									
<b>Polokwane, Pietersburg Veterinary Clinic</b>									
Beef: 1									
<b>North West</b>									
<b>Lichtenburg, Dr CM Kruger-Rall</b>									
Beef: 3									
Nine cases									
<b>Stella, Stella Dierekliniek</b>									
Beef: 3									
<b>Vryburg, Vryburg Dierehospitaal</b>									
Beef: 3									
<b>Free State</b>									
<b>Bethlehem, Bethlehem State Vet</b>									
Beef: 2									
New farm with abortions									
<b>Bothaville, Cape Cross Bothaville Veterinary Hospital</b>									
Beef: 1									
<b>Clocolan, Clocolan Dierekliniek</b>									
Beef: 2									
<b>Frankfort, Frankfort Dierekliniek</b>									
Beef: 3									
<b>Harrismith, Harrismith Dierehospitaal</b>									
Beef: 3									
<b>Hertzogville, Hertzogville Dierekliniek</b>									
Dairy: 2									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 3									
<b>Ladybrand, Ladybrand</b>									
Beef: 2									
<b>Parys, Parys Dierekliniek</b>									
Beef: 2									
Bull bought at auction: low titre. Untested animals bought in. Both farms with same history.									
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>									
Beef: 3									
<b>Wesselsbron, Wesselsbron Dierekliniek</b>									
Beef: 1									
<b>Winburg, Winburg Dierekliniek</b>									
Beef: 2									
<b>Northern Cape</b>									
<b>Kimberley, Kimberley Dierekliniek</b>									
Beef: 3									
<b>Kuruman, Dr. Lea Shuda</b>									
Beef: 3									
14 positive farms									

<b>Brucella ovis</b>									^ -
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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)	
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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**

2.0 (1)

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

Sheep: 2

One case where farmer spread the disease to two adjacent farms through untested rams.

**Bovine Tuberculosis**

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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**Free State****Reitz, Riemland Dierehospitaal**

Beef: 1

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

Beef: 1

Buffalo

**Johne`s disease**

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

Sheep: 1

**Caledon, Overberg Veterinary Hospital**

Sheep: 1

**Heidelberg (WC), Heidelberg Dierekliniek**

Sheep: 1

**E. coli**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (3)	3.0 (1)	2.0 (1)	2.6 (13)	2.7 (16)	2.3 (7)	1.0 (2)	2.0 (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

<b>Beef</b>	2.0 (1)		2.0 (1)	2.3	2.5	2.0 (4)			
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			(4)	(4)			
<b>Dairy</b>			3.0 (1)	3.0 (1)	3.0 (2)	1.0 (2)	
<b>Sheep</b>	2.0 (1)	3.0 (1)	2.9 (7)	2.7 (11)	2.0 (1)		2.0 (1) 3.0 (2)
<b>Goat</b>	2.0 (1)		2.0 (1)				

### **Mpumalanga**

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

Beef: 2

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

Goat: 2

Secondary to poor milk production/colostrum transfer in does.

#### **Standerton, Econovet**

Sheep: 2

### **Gauteng**

#### **Bapsfontein, Bapsfontein Dierehospitaal**

Sheep: 3

### **Limpopo**

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

Beef: 2

2 cases

### **North West**

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

Beef: 3, Dairy: 3, Sheep: 3, Goat: 2

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

Beef: 1

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

Sheep: 3

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

Beef: 3

Calves

Sheep: 3

Lambs

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

Sheep: 3

Mortalities in lambs - suspected *E. coli*. Treated with penicillin, diarrhoea stopped, rather Clostridial deaths.

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

Sheep: 2

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

Beef: 2, Sheep: 3

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

Sheep: 3

### **Free State**

#### **Bloemfontein, Dr Stephan Wessels**

Sheep: 3

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

Sheep: 1

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

Beef: 3, Dairy: 3, Sheep: 3

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

Sheep: 3

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

Beef: 3, Sheep: 3

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

Sheep: 3

#### **Ladybrand, Ladybrand**

Sheep: 3

**Reitz, Froneman Veterinary Practice**

Sheep: 3

**Senekal, Senekal Dierekliniek**

Sheep: 2

**Viljoenskroon, Viljoenskroon Dierekliniek**

Sheep: 3

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2, Sheep: 3

**Winburg, Winburg Dierekliniek**

Beef: 2

**Kwazulu-Natal**

**Bergville, Tugela Vet Clinic**

Beef: 2, Sheep: 2

**Howick, Howick Veterinary Clinic**

Beef: 3, Dairy: 3

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

Beef: 2

**Mooi River, Mooirivier Vet Clinic**

Dairy: 3

**Newcastle, Ncanduvet Newcastle**

Beef: 1

**Eastern Cape**

**Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 1

**Port Alfred, Port Alfred Veterinary Clinic**

Dairy: 1

Dairy calves, Cannon rocks

**Western Cape**

**Ceres, Ceres Veterinary Hospital**

Sheep: 2

5 lambs died due to *E. coli* pneumonia

**Northern Cape**

**Colesberg, Karoo Veterinary Hospital**

Sheep: 3

**De Aar, De Aar Veterinary Clinic**

Sheep: 3

Farmers complaining of lamb losses - Britstown and Strydenburg

**Enzootic Abortion**

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)		1.0 (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

<b>Sheep</b>	1.0 (1)			2.0 (1)	2.5 (2)			1.0 (1)	3.0 (1)
<b>Goat</b>						2.0 (1)			3.0 (1)

**Mpumalanga**

**Delmas, Rietkol Veterinêre spreekkamer**

Sheep: 1

**North West**

**Brits, Brits Dierekliniek**

Sheep: 2

<b>Free State</b>
<b>Frankfort, Frankfort Dierekliniek</b>
Sheep: 3
<b>Ladybrand, Ladybrand</b>
Sheep: 2
<b>Kwazulu-Natal</b>
<b>Dundee, Dr. Paul Reynolds CSS Vet</b>
Goat: 2
Suspected: based on age group affected and response to tetracycline treatment
<b>Western Cape</b>
<b>Beaufort West, Beaufort West State Vet</b>
Sheep: 1
Porr lambing percentage, ewes serological positive
<b>Northern Cape</b>
<b>Kimberley, Kimberley Dierekliniek</b>
Sheep: 3
<b>Kuruman, Dr. Lea Shuda</b>
Goat: 3

**Dermatophilosis (Lumpy Wool)** [^](#)

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)

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 (1)	2.0 (1)
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<b>Free State</b>
<b>Reitz, Riemland Dierehospitaal</b>
Sheep: 2
<b>Western Cape</b>
<b>Beaufort West, Beaufort West State Vet</b>
Sheep: 1
<b>Northern Cape</b>
<b>Kuruman, Kuruman Dierekliniek</b>
Sheep: 2

**Intrauterine Gangrene** [^](#)

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>Sheep</b>								1.0 (1)	
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<b>Western Cape</b>
<b>Caledon, Overberg Veterinary Hospital</b>
Sheep: 1

***Fusibacterium necrophorum*** [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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**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

**Beef** 1.0 (1)

#### Kwazulu-Natal

**Dundee, Dr. Paul Reynolds CSS Vet**

Beef: 1

One calf with lesions on tongue and in pharynx (swollen). Healed after 5 days of tetracycline treatment.

### Listeriosis

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

**Beef** 2.0 (1)

#### Kwazulu-Natal

**Eshowe, Eshowe Veterinary Hospital**

Beef: 2

Four cases in feedlot

### Other

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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**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

**Beef** 1.0 (1)

#### North West

**Christiana, Christiana Dierhospitaal**

Beef: 1

Diaree & Rotavirus

### Protozoal diseases (other)

### Besnoitiosis

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

**Pretoria, Anima Veterinary Consulting Rooms**

Beef: 2

Rust de Winter

**North West**

**Brits, Brits Dierekliniek**

Beef: 1

**Coccidiosis**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (4)		2.0 (1)		2.0 (11)	1.8 (5)	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>	2.0 (1)				1.8 (5)				2.0 (1)
<b>Sheep</b>	2.0 (2)		2.0 (1)		2.2 (5)	2.0 (2)			
<b>Goat</b>	2.0 (1)				2.0 (1)	1.7 (3)	2.0 (1)		

**Mpumalanga**

**Bethal, Bethal Dierekliniek**

Sheep: 1

**Nelspruit, Nelspruit Animal Hospital**

Goat: 2

**Standerton, Econovet**

Beef: 2, Sheep: 3

**Limpopo**

**Makhado, Blouberg Dierekliniek**

Sheep: 2

4 cases

**Free State**

**Bloemfontein, Dr Stephan Wessels**

Sheep: 3

**Bothaville, Cape Cross Bothaville Veterinary Hospital**

Sheep: 1

**Harrismith, Harrismith Dierehospitaal**

Beef: 2, Sheep: 2

**Kroonstad, Kroonstad Dierehospitaal**

Sheep: 2, Goat: 2

**Viljoenskroon, Viljoenskroon Dierekliniek**

Beef: 1

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2, Sheep: 3

**Vrede, Vrede Dierehospitaal**

Beef: 2

**Winburg, Winburg Dierekliniek**

Beef: 2

**Kwazulu-Natal**

**Bergville, Tugela Vet Clinic**

Sheep: 2, Goat: 2

**Dundee, Dr. Paul Reynolds CSS Vet**

Goat: 2

**Mtubatuba, Mtubatuba Animal Clinic**

Goat: 1

**Pietermaritzburg, Richmond Veterinay Clinic**

Sheep: 2

**Eastern Cape**

**Graaff-Reinet, Camdeboo Veterinary Clinic**

Goat: 2

**Northern Cape**

**Kuruman, Kuruman Dierekliniek**

Beef: 2

**Cryptosporidium**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		3.0 (1)		3.0 (1)	2.4 (9)	3.0 (2)	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>					2.5 (2)				
<b>Dairy</b>					2.5 (2)	3.0 (1)	1.0 (1)		
<b>Sheep</b>		3.0 (1)		3.0 (1)	2.4 (5)	3.0 (1)		1.0 (1)	

**Gauteng**

**Bapsfontein, Bapsfontein Dierehospitaal**

Sheep: 3

**North West**

**Vryburg, Vryburg Dierehospitaal**

Sheep: 3

**Free State**

**Clocolan, Clocolan Dierekliniek**

Beef: 3, Dairy: 3, Sheep: 3

**Ficksburg, Oosvrystaat Diere Produkte**

Dairy: 2

Many cases in dairy calves one week old, about 20% deaths.

Sheep: 2

Many cases in lambs, one week old, about 20% deaths.

**Harrismith, Harrismith Dierehospitaal**

Beef: 2, Sheep: 2

**Parys, Parys Dierekliniek**

Sheep: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 3

**Kwazulu-Natal**

**Mooi River, Mooirivier Vet Clinic**

Dairy: 3, Sheep: 3

**Eastern Cape**



**Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 1

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

Sheep: 1

**Fungal diseases****Ringworm**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.3 (3)		1.5 (2)	2.0 (1)	2.0 (3)	2.3 (3)		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>	1.5 (2)		2.0 (1)	2.0 (1)	2.0 (3)	2.3 (3)		1.0 (1)	2.0 (1)
<b>Sheep</b>			1.0 (1)						2.0 (1)
<b>Goat</b>	1.0 (1)								

**Mpumalanga****Delmas, Rietkol Veterinêre spreekkamer**

Goat: 1

**Middelburg , Middelburg Dierehospitaal**

Beef: 1

**Nelspruit, Nelspruit Animal Hospital**

Beef: 2

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

Beef: 2

8 cases

**Polokwane, Pietersburg Veterinary Clinic**

Sheep: 1

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

Beef: 2

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

Beef: 1

**Harrismith, Harrismith Dierehospitaal**

Beef: 2

**Memel, Memel Veterinary Clinic**

Beef: 3

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

Beef: 2

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 3

**Vryheid, Dr GH Theron**

Beef: 2

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

Beef: 1

**Northern Cape****Kuruman, Kuruman Dierekliniek**

Beef: 2, Sheep: 2

## Viral Diseases (other)

### BMC (snotsiekte)

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)	1.4 (5)	2.0 (2)	1.6 (7)	2.0 (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)	1.0 (1)	1.4 (5)	2.0 (2)	1.6 (7)	2.0 (2)	1.0 (2)		

#### Mpumalanga

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

Beef: 2

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

Beef: 1

#### Gauteng

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

Beef: 1

#### Limpopo

##### **Bela-Bela, Warmbad Dierekliniek**

Beef: 3

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

Beef: 1

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

Beef: 1

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

Beef: 1

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

Beef: 1

#### North West

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

Beef: 2

Seven cattle died

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

Beef: 2

#### Free State

##### **Bethlehem, Bethlehem State Vet**

Beef: 1

##### **Bloemfontein, Dr Stephan Wessels**

Beef: 1

Wildebeest strain, Petrusburg area

##### **Ficksburg, Oosvrystaat Dier Produkte**

Beef: 1

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

Beef: 3

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

Beef: 2

##### **Senekal, Senekal Dierekliniek**

Beef: 1

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

Beef: 2

#### Kwazulu-Natal

**Estcourt, Estcourt Vet Clinic**

Beef: 1

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 3

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

Beef: 1

**Queenstown, Queenstown Veterinary clinic**

Beef: 1

**Rabies**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					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>					1.5 (2)				
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**Free State****Reitz, Riemland Dierehospitaal**

Beef: 2

**Senekal, Senekal Dierekliniek**

Beef: 1

**BVD (Bovine viral diarrhoea)**

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

Beef: 1

**IBR (Infectious bovine rhinotracheitis)**

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)				

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)				
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**North West**

**Lichtenburg, Silver Cross veterinary Herd Health**

Beef: 2

**Free State****Reitz, Riemland Dierehospitaal**

Beef: 3

**Enzootic Bovine Leucosis (EBL)**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					1.7 (3)		1.0 (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>					1.0 (1)			1.5 (2)	
<b>Dairy</b>					2.0 (2)		1.0 (2)		

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

Dairy: 2

**Ladybrand, Ladybrand**

Dairy: 2

**Viljoenskroon, Viljoenskroon Dierekliniek**

Beef: 1

**Eastern Cape****Alexandria, Alexandria Platteland Spreekkamer**

Dairy: 1

**Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 1

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

Beef: 1

Routine testing of dairy, serologically positive

**Caledon, Overberg Veterinary Hospital**

Beef: 2

**Jaagsiekte**

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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**Free State****Senekal, Senekal Dierekliniek**

Sheep: 1

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

Sheep: 1

Increased incidence following drought and stress

Orf									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.3 (3)	1.0 (2)	2.5 (2)	2.2 (5)	2.5 (11)	2.2 (6)	1.0 (2)	1.0 (3)	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)				
<b>Sheep</b>	1.0 (2)	1.0 (2)	3.0 (1)	2.0 (3)	2.5 (10)	2.5 (2)	1.0 (2)	1.0 (3)	2.0 (2)
<b>Goat</b>	2.0 (1)		2.0 (1)	2.5 (2)		2.0 (4)			

#### Mpumalanga

##### Balfour, Balfour Dierekliniek

Sheep: 1

##### Nelspruit, Nelspruit Animal Hospital

Goat: 2

##### Standerton, Econovet

Sheep: 1

#### Gauteng

##### Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 1

##### Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 1

#### Limpopo

##### Makhado, Blouberg Dierekliniek

Sheep: 3

12 cases

##### Polokwane, Pietersburg Veterinary Clinic

Goat: 2

#### North West

##### Christiana, Christiana Dierehospitaal

Sheep: 2, Goat: 2

##### Klerksdorp, Klerksdorp Dierehospitaal

Sheep: 3

##### Leeudoringstad, Leeudoringstad Dierekliniek

Goat: 3

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

Sheep: 1

#### Free State

##### Bloemfontein, Dr Stephan Wessels

Sheep: 3

##### Bultfontein, Greylingrust Dierespreekkamer

Sheep: 3

##### Clocolan, Clocolan Dierekliniek

Sheep: 2

##### Dewetsdorp, Platkop Dierekliniek

Sheep: 2

##### Hoopstad, Hoopstad Dierekliniek

Sheep: 3

**Kroonstad, Kroonstad Dierehospitaal**

Sheep: 3

**Ladybrand, Ladybrand**

Sheep: 3

**Viljoenskroon, Viljoenskroon Dierekliniek**

Sheep: 3

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 2

**Wesselsbron, Wesselsbron Dierekliniek**

Sheep: 1

**Winburg, Winburg Dierekliniek**

Beef: 2

**Kwazulu-Natal****Camperdown, Camperdown Vet Clinic**

Goat: 1

**Dundee, Dr. Paul Reynolds CSS Vet**

Sheep: 2, Goat: 2

**Mtubatuba, Mtubatuba Animal Clinic**

Goat: 2

**Underberg, Underberg Veterinary Surgery**

Sheep: 3

**Vryheid, Dr GH Theron**

Goat: 3

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

Sheep: 1

**Queenstown, Queenstown Veterinary clinic**

Sheep: 1

**Western Cape****Oudtshoorn, Ostrimed**

Sheep: 1

**Stellenbosch, Stellenbosch Animal Hospital**

Sheep: 1

**Wellington, Wellington Dierehospitaal**

Sheep: 1

**Northern Cape****Kuruman, Kuruman Dierekliniek**

Sheep: 2

**Philipstown, Rowelsfontein veearts Spreekkamer**

Sheep: 2

**Warts**

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)	2.0 (1)	1.7 (6)	1.7 (3)	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>	1.0 (1)		2.0 (2)	2.0 (1)	1.7 (3)	1.7 (3)	1.0 (2)	1.0 (1)	
<b>Dairy</b>					1.0 (1)			1.0 (1)	
<b>Sheep</b>					2.0 (2)				

<b>Mpumalanga</b>									
<b>Standerton, Econovet</b>									
Beef: 1									
<b>Limpopo</b>									
<b>Makhado, Blouberg Dierekliniek</b>									
Beef: 3									
10 cases									
<b>Mokopane, Dr Henk Visser</b>									
Beef: 1									
<b>North West</b>									
<b>Christiana, Christiana Dierehospitaal</b>									
Beef: 2									
<b>Free State</b>									
<b>Bloemfontein, Dr Stephan Wessels</b>									
Beef: 1									
<b>Harrismith, Harrismith Dierehospitaal</b>									
Sheep: 2									
<b>Hertzogville, Hertzogville Dierekliniek</b>									
Sheep: 2									
<b>Reitz, Riemland Dierehospitaal</b>									
Beef: 2									
<b>Senekal, Senekal Dierekliniek</b>									
Dairy: 1									
<b>Winburg, Winburg Dierekliniek</b>									
Beef: 2									
<b>Kwazulu-Natal</b>									
<b>Camperdown, Camperdown Vet Clinic</b>									
Beef: 1									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Beef: 2									
<b>Vryheid, Dr GH Theron</b>									
Beef: 2									
<b>Eastern Cape</b>									
<b>Port Alfred, Port Alfred Veterinary Clinic</b>									
Beef: 1									
Severe case									
<b>Queenstown, Queenstown Veterinary clinic</b>									
Beef: 1									
<b>Western Cape</b>									
<b>Caledon, Caledon Dierekliniek</b>									
Beef: 1									
<b>Heidelberg (WC), Heidelberg Dierekliniek</b>									
Dairy: 1									
<b>Rota virus</b>									<a href="#">^</a>
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)			
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>						3.0 (1)			
<b>Mpumalanga</b>									
<b>Balfour, Balfour Dierekliniek</b>									
Beef: 2									

**Kwazulu-Natal**  
**Mooi River, Mooirivier Vet Clinic**  
 Dairy: 3

<b>Corona Virus</b>									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape

<b>Average</b>						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>Dairy</b>						3.0 (1)			
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**Kwazulu-Natal**  
**Mooi River, Mooirivier Vet Clinic**  
 Dairy: 3

**Poisonings (Plant) and Fungal**

<b>Cardiac glycoside poisoning</b>									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape

<b>Average</b>								1.5 (2)	2.0 (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>								1.0 (1)	
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<b>Sheep</b>								2.0 (1)	2.0 (1)
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**Western Cape**  
**Beaufort West, Beaufort West State Vet**  
 Beef: 1  
 Witstorm  
 Sheep: 2  
 Witstorm

**Northern Cape**  
**Calvinia, Calvinia Veeartskliniek**  
 Sheep: 2

**Cestrum**

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)		1.0 (2)	3.0 (1)	1.0 (1)	1.3 (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>		1.0 (1)		1.0 (2)	3.0 (1)	1.0 (1)	1.0 (2)		
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<b>Dairy</b>							2.0 (1)		
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**Gauteng**



**Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 1

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

Beef: 1

**Ventersdorp, Buffelsvlei Dierekliniek**

Beef: 1

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

Beef: 3

70 cattle died out of 140

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

Beef: 1

One outbreak

**Eastern Cape****Alexandria, Alexandria Platteland Sprekkamer**

Dairy: 2

**Humansdorp, Humansdorp Veterinary Clinic**

Beef: 1

**Queenstown, Queenstown Veterinary clinic**

Beef: 1

**Cynanchum poisoning**

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 (2)

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)

**Sheep**

2.0 (1)

**Eastern Cape****Alexandria, Alexandria Platteland Sprekkamer**

Dairy: 1

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

Dairy: 2, Sheep: 2

**Kikuyu poisoning**

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

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**

3.0 (1)

**Eastern Cape****Alexandria, Alexandria Platteland Sprekkamer**

Dairy: 3

**Lantana**

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)	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

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

#### Mpumalanga

##### Piet Retief, Pets Vet Hospital

Beef: 2

#### Limpopo

##### Bela-Bela, Warmbad Dierekliniek

Beef: 3

##### Vaalwater, Vaalwater Dieresprekkamer

Beef: 1

#### North West

##### Ventersdorp, Buffelsvlei Dierekliniek

Beef: 1

#### Kwazulu-Natal

##### Bergville, Bergville Veterinary Clinic

Beef: 2

#### Eastern Cape

##### Alexandria, Alexandria Platteland Spreekkamer

Dairy: 2

##### Stutterheim, Stutterheim Veterinary Clinic

Beef: 2

Four out of 60 cattle - treated and recovered

### Lupine Poisoning



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)	

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>								2.0 (1)	

#### Free State

##### Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2

Soya beans

#### Western Cape

##### Caledon, Caledon Dierekliniek

Sheep: 2

### Nitrate poisoning



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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**Free State**

**Wesselsbron, Wesselsbron Dierekliniek**

Sheep: 1

**Prussic acid poisoning** [^](#)

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

**Delmas, Rietkol Veterinêre spreekkamer**

Beef: 2

**Gauteng**

**Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 1

**North West**

**Ventersdorp, Buffelsvlei Dierekliniek**

Beef: 1, Sheep: 1

**Rye grass poisoning** [^](#)

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)				
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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)				
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**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>					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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### Free State

#### Vrede, Vrede Dierehospitaal

Beef: 2

## Tulip Poisoning [^](#)

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)	1.5 (2)	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 (1)	1.0 (1)	2.5 (2)			
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<b>Sheep</b>					2.0 (1)				
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### Gauteng

#### Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

Tulips wrong time of the year after late rain - young heifer

### North West

#### Lichtenburg, Dr CM Kruger-Rall

Beef: 1

### Free State

#### Ficksburg, Oosvrystaat Diere Produkte

Beef: 1, Sheep: 2

### Kwazulu-Natal

#### Bergville, Tugela Vet Clinic

Beef: 2

#### Vryheid, Dr GH Theron

Beef: 3

## Vermeersiekte (*Gaigeria spp.*) [^](#)

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)

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)	3.0 (1)
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**Kwazulu-Natal**

**Dundee, Dr. Paul Reynolds CSS Vet**

Sheep: 1

Could not find plant or remnants in veld but animal is regurgitating digested feed and when it shakes its head food comes out through nose and mouth.

**Northern Cape**

**Kuruman, Dr. Lea Shuda**

Sheep: 3

Small scale farmers

**Mycotoxycosis**

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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**Western Cape**

**Heidelberg (WC), Heidelberg Dierkliniek**

Dairy: 1

**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 (1)	2.0 (4)	
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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)		
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<b>Sheep</b>								1.7 (3)	
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<b>Goat</b>								3.0 (1)	
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**Eastern Cape**

**Queenstown, Queenstown Veterinary clinic**

Beef: 2

Deaths reported by farmers, moving them into new camp.

**Western Cape**

**Caledon, Overberg Veterinary Hospital**

Sheep: 1

Chinkerenchee poisoning

**Oudtshoorn, Ostrimed**

Sheep: 3

Kraal- or Geelbos. Drought conditions/ poor veld vegetation – low roughage availability and animals are forced into veldt. High incidence of waterpens

Goat: 3

Kraal- or Geelbos. Drought conditions/ poor veld vegetation – low roughage availability and animals are forced into veldt. High incidence of waterpens

**Wellington, Wellington Dierehospitaal**

Sheep: 1

## Poisonings

### Urea Poisoning

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

#### Mpumalanga

##### Middelburg , Middelburg Dierehospitaal

Beef: 3

#### Free State

##### Bloemfontein, Dr Stephan Wessels

Beef: 2

#### Western Cape

##### Caledon, Overberg Veterinary Hospital

Sheep: 1

##### Oudtshoorn, Ostrimed

Beef: 1

### Snake Bite

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

#### Free State

##### Dewetsdorp, Platkop Dierekliniek

Sheep: 2

##### Hertzogville, Hertzogville Dierekliniek

Dairy: 1

##### Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 3

##### Vrede, Vrede Dierehospitaal

Beef: 2

##### Winburg, Winburg Dierekliniek

Beef: 2

### Northern Cape

**Kuruman, Kuruman Dierekliniek**

Beef: 2

## Chemical products

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

**Goat**

2.0 (1)

### Eastern Cape

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

Goat: 2

Organic phosphate toxicity

## Macro Nutritional Problems

### Energy deficiency

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

1.7  
(3)

2.0  
(1)

1.5 (2)

2.8 (4)

2.8 (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)

3.0 (1)

3.0 (1)

**Dairy**

1.0 (1)

3.0 (2)

**Sheep**

2.0  
(2)

2.0  
(1)

2.0 (1)

3.0 (1)

**Goat**

2.0 (1)

2.5 (2)

### North West

**Lichtenburg, Silver Cross veterinary Herd Health**

Beef: 1, Sheep: 1

**Vryburg, Vryburg Dierehospitaal**

Sheep: 3

Poor condition

### Free State

**Hertzogville, Hertzogville Dierekliniek**

Sheep: 2

### Kwazulu-Natal

**Mooi River, Mooirivier Vet Clinic**

Dairy: 1, Sheep: 2

### Eastern Cape

**Alexandria, Alexandria Platteland Spreekkamer**

Dairy: 3

Roughage shortage

**Humansdorp, Humansdorp Veterinary Clinic**

Beef: 3, Dairy: 3

**Nieu Bethesda , Dr Mac Mc Farlane**

Goat: 2

Starvation

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

Goat: 2

Droogte

**Oudtshoorn, Ostrimed**

Beef: 3

Roughage deficiency

Sheep: 3, Goat: 3

**Protein deficiency**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				2.0 (3)	1.0 (1)	2.5 (2)	2.5 (4)	3.0 (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>					1.0 (1)	3.0 (1)	3.0 (1)	3.0 (1)	
<b>Dairy</b>				1.0 (1)			3.0 (2)	3.0 (1)	
<b>Sheep</b>				2.5 (2)		2.0 (1)	1.0 (1)	3.0 (1)	
<b>Goat</b>								3.0 (1)	

**North West****Lichtenburg, Silver Cross veterinary Herd Health**

Sheep: 2

**Ventersdorp, Buffelsvlei Dierekliniek**

Dairy: 1

**Vryburg, Vryburg Dierehospitaal**

Sheep: 3

Poor condition

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

Beef: 1

Cachexia

**Kwazulu-Natal****Mooi River, Mooirivier Vet Clinic**

Sheep: 2

**Underberg, Underberg Veterinary Surgery**

Beef: 3

Cachexia, deaths reported by emerging farmers

**Eastern Cape****Alexandria, Alexandria Platteland Spreekkamer**

Dairy: 3

**Humansdorp, Humansdorp Veterinary Clinic**

Beef: 3, Dairy: 3

**Middelburg (EC), Steynsburg Dierehospitaal**

Sheep: 1

**Western Cape****Malmesbury, Invitrotech**

Dairy: 3



Ten animals in poor condition

**Oudtshoorn, Ostrimed**

Beef: 3

Drought

Sheep: 3, Goat: 3

**Phosphate deficiency** [^](#)

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)		2.0 (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)		2.0 (1)
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**Mpumalanga**

**Lydenburg, Lydenburg Dierespreekkamer**

Beef: 2

**Eastern Cape**

**Queenstown, Queenstown Veterinary clinic**

Beef: 2

**Northern Cape**

**Kuruman, Kuruman Dierekliniek**

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)				

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>		2.0 (1)			2.0 (1)				

**Gauteng**

**Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 2

**North West**

**Lichtenburg, Dr CM Kruger-Rall**

Beef: 1

**Free State**

**Ladybrand, Ladybrand**

Sheep: 2

**Micro Nutritional Problems**

**Copper deficiency** [^](#)

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

##### Piet Retief, Pets Vet Hospital

Beef: 2

#### Gauteng

##### Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 1

#### Limpopo

##### Mokopane, Dr Henk Visser

Beef: 1

#### Kwazulu-Natal

##### Pietermaritzburg, Richmond Veterinay Clinic

Goat: 1

### Selenium deficiency

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

##### Piet Retief, Pets Vet Hospital

Beef: 2

#### North West

##### Christiana, Christiana Dierehospitaal

Sheep: 3

#### Kwazulu-Natal

##### Pietermaritzburg, Richmond Veterinay Clinic

Beef: 2, Sheep: 2, Goat: 2

#### Northern Cape

##### Kimberley, Kimberley Dierekliniek

Sheep: 3

Vitamin E and Selenium deficiency

### Vitamin A deficiency

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

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

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

**Free State**  
**Ladybrand, Ladybrand**  
 Sheep: 3

**Western Cape**  
**Oudtshoorn, Ostrimed**  
 Sheep: 3  
 Poor nutrition – dystocia, eye problems, pneumonia

**Northern Cape**  
**Kuruman, Kuruman Dierekliniek**  
 Beef: 2, Sheep: 2

### Vitamin B deficiency ^

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)

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 (1)	3.0 (1)
<b>Goat</b>						2.0 (1)			

**Kwazulu-Natal**  
**Camperdown, Camperdown Vet Clinic**  
 Sheep: 2, Goat: 2

**Western Cape**  
**Caledon, Overberg Veterinary Hospital**  
 Sheep: 1  
 Vitamin B1 deficiency

**Northern Cape**  
**Kimberley, Kimberley Dierekliniek**  
 Sheep: 3  
 Vitamin E and Selenium 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>	1.3 (3)	2.0 (1)		2.0 (2)	2.1 (13)	2.0 (9)	1.5 (2)	1.3 (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>Beef</b>	1.5 (2)		1.0 (1)	2.0 (8)	1.8 (4)		1.0 (2)	3.0 (1)
<b>Dairy</b>				2.0 (1)	2.3 (4)		1.5 (2)	
<b>Sheep</b>		2.0 (1)	3.0 (1)	2.3 (4)		1.0 (1)		
<b>Goat</b>	1.0 (1)				2.0 (1)	2.0 (1)		2.0 (1)

#### **Mpumalanga**

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

Beef: 1, Goat: 1

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

Beef: 2

#### **Gauteng**

##### **Bapsfontein, Bapsfontein Dierehospitaal**

Sheep: 2

#### **North West**

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

Beef: 1

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

Sheep: 3

Toxoplasmosis

#### **Free State**

##### **Bethlehem, Bethlehem State Vet**

Beef: 2

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

Beef: 2, Dairy: 2

##### **Ficksburg, Oosvrystaat Diere Produkte**

Beef: 1

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

Beef: 3

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

Beef: 3, Sheep: 3

##### **Ladybrand, Ladybrand**

Sheep: 2

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

Beef: 2, Sheep: 2

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

Beef: 2, Sheep: 2

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

Beef: 1

#### **Kwazulu-Natal**

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

Beef: 2

##### **Dundee, Dr. Paul Reynolds CSS Vet**

Goat: 2

Goats aborting. 6/7 were young ewes that was never preg. Good BCS and no history of cold before.

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

Dairy: 1

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

Dairy: 3

##### **Mooi River, Mooirivier Vet Clinic**

Dairy: 3

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

Beef: 1

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

Beef: 2

**Underberg, Underberg Veterinary Surgery**

Beef: 2, Dairy: 2

#### Eastern Cape

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

Sheep: 1

**Nieu Bethesda , Dr Mac Mc Farlane**

Goat: 2

#### Western Cape

**Caledon, Overberg Veterinary Hospital**

Beef: 1

**Malmesbury, Dr Otto Kriek**

Dairy: 2

**Malmesbury, Invitrotech**

Dairy: 1

**Stellenbosch, Stellenbosch Animal Hospital**

Beef: 1

#### Northern Cape

**Kuruman, Dr. Lea Shuda**

Beef: 3

No diagnosis

**Kuruman, Kuruman Dierekliniek**

Goat: 2

### Stillbirths

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (4)	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									
Beef					2.0 (1)				2.0 (1)
Dairy						3.0 (1)			
Sheep					2.0 (3)	2.0 (1)			

#### Free State

**Clocolan, Clocolan Dierekliniek**

Beef: 2

**Hoopstad, Hoopstad Dierekliniek**

Sheep: 3

**Kroonstad, Kroonstad Dierehospitaal**

Sheep: 2

**Wesselsbron, Wesselsbron Dierekliniek**

Sheep: 1

#### Kwazulu-Natal

**Howick, Howick Veterinary Clinic**

Dairy: 3

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

Sheep: 2

#### Northern Cape

**Kuruman, Kuruman Dierekliniek**

Beef: 2

Abscesses									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.2 (6)	1.7 (3)	1.5 (2)	2.0 (4)	1.9 (11)	2.0 (4)	1.4 (5)	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>	1.2 (5)	3.0 (1)	1.5 (2)	1.7 (3)	2.0 (6)	1.5 (2)	2.0 (1)	2.0 (1)	
<b>Dairy</b>					1.0 (1)	3.0 (1)		1.0 (1)	
<b>Sheep</b>	1.0 (1)	1.0 (1)		3.0 (1)	2.0 (4)	2.0 (1)	1.3 (3)	2.0 (1)	2.0 (2)
<b>Goat</b>		1.0 (1)					1.0 (1)		2.0 (1)
<b>Mpumalanga</b>									
<b>Balfour, Balfour Dierekliniek</b>									
Beef: 1									
<b>Bethal, Bethal Dierekliniek</b>									
Beef: 2, Sheep: 1									
<b>Delmas, Rietkol Veterinere spreekkamer</b>									
Beef: 1									
<b>Grootvlei, Grootvlei Dierekliniek</b>									
Beef: 1									
<b>Lydenburg, Lydenburg Dieresprekkamer</b>									
Beef: 1									
<b>Gauteng</b>									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Beef: 3									
<b>Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic</b>									
Sheep: 1, Goat: 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>Christiana, Christiana Dierehospitaal</b>									
Beef: 3, Sheep: 3									
<b>Lichtenburg, Dr CM Kruger-Rall</b>									
Beef: 1									
<b>Lichtenburg, Silver Cross veterinary Herd Health</b>									
Beef: 1									
<b>Free State</b>									
<b>Bultfontein, Greylingrust Dieresprekkamer</b>									
Beef: 2, Sheep: 2									
<b>Clocolan, Clocolan Dierekliniek</b>									
Beef: 2									
<b>Harrismith, Harrismith Dierehospitaal</b>									
Beef: 3, Sheep: 3									
<b>Hertzogville, Hertzogville Dierekliniek</b>									
Beef: 2, Sheep: 1									
<b>Ladybrand, Ladybrand</b>									
Beef: 1									

**Senekal, Senekal Dierekliniek**

Dairy: 1, Sheep: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2

**Kwazulu-Natal****Bergville, Tugela Vet Clinic**

Beef: 2, Sheep: 2

**Howick, Howick Veterinary Clinic**

Dairy: 3

**Pongola, Pongola Animal Clinic**

Beef: 1

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

Sheep: 1, Goat: 1

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

Sheep: 1

**Middelburg (EC), Steynsburg Dierehospitaal**

Sheep: 2

**Nieu Bethesda , Dr Mac Mc Farlane**

Beef: 2

**Western Cape****Malmesbury, Invitrotech**

Dairy: 1

**Oudtshoorn, Ostrimed**

Sheep: 2

**Stellenbosch, Stellenbosch Animal Hospital**

Beef: 2

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

Sheep: 2

**Kimberley, Kimberley Dierekliniek**

Sheep: 2

*Corynebacterium (ovis) pseudotuberculosis***Kuruman, Kuruman Dierekliniek**

Goat: 2

**Abscesses in general**

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

**Mpumalanga****Delmas, Rietkol Veterinêre spreekkamer**

Beef: 1

**Middelburg , Middelburg Dierehospitaal**

Beef: 2

**Nelspruit, Nelspruit Animal Hospital**

Beef: 2

**North West**

**Ventersdorp, Buffelsvlei Dierekliniek**

Beef: 1

**Free State**

**Clocolan, Clocolan Dierekliniek**

Beef: 2

**Kroonstad, Kroonstad Dierehospitaal**

Sheep: 2

**Kwazulu-Natal**

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Pongola, Pongola Animal Clinic**

Goat: 1

Corynebacterium pseudotuberculosis

**Western Cape**

**Swellendam, Swellendam Dierehospitaal**

Dairy: 1

**Northern Cape**

**Kuruman, Kuruman Dierekliniek**

Beef: 2, Sheep: 2, Goat: 2

**Bladder stones**

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 (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)				
Sheep								1.0 (1)	2.0 (1)

**Free State**

**Senekal, Senekal Dierekliniek**

Beef: 1

**Western Cape**

**Stellenbosch, Stellenbosch Animal Hospital**

Sheep: 1

**Northern Cape**

**Kimberley, Kimberley Dierekliniek**

Sheep: 2

Two sheep

**Blindness**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.2 (6)	1.0 (1)		3.0 (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)	1.0 (1)	
<b>Dairy</b>		2.0 (1)		
<b>Sheep</b>		2.3 (3)		3.0 (1) 2.0 (1)
<b>Goat</b>				2.0 (1)

#### Free State

##### Hertzogville, Hertzogville Dierekliniek

Beef: 2, Dairy: 2

##### Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

##### Ladybrand, Ladybrand

Sheep: 3

##### Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

#### Kwazulu-Natal

##### Dundee, Dr. Paul Reynolds CSS Vet

Beef: 1

#### Western Cape

##### Swellendam, Swellendam Dierehospitaal

Sheep: 3

#### Northern Cape

##### Kuruman, Kuruman Dierekliniek

Sheep: 2, Goat: 2

## Bloat

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

#### Gauteng

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

Beef: 1

#### North West

##### Ventersdorp, Buffelsvlei Dierekliniek

Beef: 1, Dairy: 1

#### Free State

##### Bethlehem, Bethlehem Animal Hospital

Beef: 1

##### Clocolan, Clocolan Dierekliniek

Beef: 2

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 1

**Reitz, Riemland Dierehospitaal**

Beef: 2

**Kwazulu-Natal****Dundee, Dr. Paul Reynolds CSS Vet**

Goat: 1

**Howick, Howick Veterinary Clinic**

Dairy: 2

**Western Cape****Caledon, Caledon Dierekliniek**

Sheep: 1

**Stellenbosch, Stellenbosch Animal Hospital**

Dairy: 1

**Northern Cape****Kuruman, Kuruman Dierekliniek**

Goat: 1

**Blood gut (sheep and goat)**

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

Sheep: 1

**Free State****Senekal, Senekal Dierekliniek**

Sheep: 1

**Blue udder**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)			2.0 (1)	1.8 (5)	2.0 (1)	3.0 (2)	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>Dairy</b>					2.0 (1)				
<b>Sheep</b>	2.0 (1)			2.0 (1)	1.8 (4)	2.0 (1)	3.0 (2)	2.3 (3)	2.0 (1)
<b>Goat</b>	1.0 (1)								

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

Goat: 1

**Standerton, Econovet**

Sheep: 2

**North West**

**Klerksdorp, Klerksdorp Dierehospitaal**

Sheep: 2

**Free State**

**Bothaville, Cape Cross Bothaville Veterinary Hospital**

Sheep: 2

**Bultfontein, Greylingrust Dieresprekkamer**

Sheep: 1

**Clocolan, Clocolan Dierekliniek**

Dairy: 2, Sheep: 2

**Kroonstad, Kroonstad Dierehospitaal**

Sheep: 2

**Kwazulu-Natal**

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

Sheep: 2

**Eastern Cape**

**Cradock, Cradock Veterinary Clinic**

Sheep: 3

*Staphylococcus aureus*, sheep on irrigated pastures

**Middelburg (EC), Steynsburg Dierehospitaal**

Sheep: 3

**Western Cape**

**Darling, Tygerberg Dierehospitaal Darling**

Sheep: 2

**Heidelberg (WC), Heidelberg Dierekliniek**

Sheep: 2

**Wellington, Wellington Dierehospitaal**

Sheep: 3

Blue-udder outbreak in ewes in lambing pens

**Northern Cape**

**Kimberley, Kimberley Dierekliniek**

Sheep: 2

Two sheep

**Diarrhoea**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (3)			2.5 (8)	2.9 (14)	2.4 (9)	1.0 (2)	1.7 (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>Beef</b>	1.5 (2)			2.4 (5)	2.6 (5)	2.3 (3)		2.0 (1)	3.0 (1)
<b>Dairy</b>					3.0 (1)	3.0 (1)	1.0 (1)	1.5 (2)	
<b>Sheep</b>	3.0 (1)			2.7 (3)	3.0 (8)	2.5 (2)	1.0 (1)		
<b>Goat</b>						2.3 (3)			

**Mpumalanga**

**Balfour, Balfour Dierekliniek**

Beef: 1

**Grootvlei, Grootvlei Dierekliniek**

Beef: 2

**Standerton, Econovet**

Sheep: 3

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

Beef: 3, Sheep: 3

**Klerksdorp, Klerksdorp Dierehospitaal**

Beef: 2, Sheep: 2

**Lichtenburg, Dr CM Kruger-Rall**

Beef: 3

**Lichtenburg, Silver Cross veterinary Herd Health**

Beef: 3, Sheep: 3

**Ventersdorp, Buffelsvlei Dierekliniek**

Beef: 1

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

Sheep: 3

**Clocolan, Clocolan Dierekliniek**

Beef: 3, Dairy: 3, Sheep: 3

**Harrismith, Harrismith Dierehospitaal**

Beef: 3, Sheep: 3

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 2, Sheep: 3

**Ladybrand, Ladybrand**

Sheep: 3

**Reitz, Froneman Veterinary Practice**

Sheep: 3

**Reitz, Riemland Dierehospitaal**

Beef: 3, Sheep: 3

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2, Sheep: 3

**Kwazulu-Natal****Bergville, Tugela Vet Clinic**

Beef: 3, Sheep: 3, Goat: 3

**Camperdown, Camperdown Vet Clinic**

Beef: 2

**Dundee, Dr. Paul Reynolds CSS Vet**

Goat: 2

**Estcourt, Estcourt Vet Clinic**

Beef: 2, Sheep: 2, Goat: 2

**Mooi River, Mooirivier Vet Clinic**

Dairy: 3

**Eastern Cape****Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 1, Sheep: 1

**Western Cape****Ceres, Ceres Veterinary Hospital**

Beef: 2

Two cows with diarrhoea - nutritional

**Malmesbury, Invitrotech**

Dairy: 2

Five out of 8 000

**Stellenbosch, Stellenbosch Animal Hospital**

Dairy: 1

**Northern Cape****Kuruman, Kuruman Dierekliniek**

Beef: 3

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 (7)	1.7 (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>	1.0 (2)	1.0 (1)			1.0 (3)	1.0 (1)			
<b>Dairy</b>					1.7 (3)	2.0 (2)		2.0 (1)	
<b>Sheep</b>					1.0 (1)				

### Mpumalanga

#### Bethal, Bethal Dierekliniek

Beef: 1

#### Grootvlei, Grootvlei Dierekliniek

Beef: 1

### Gauteng

#### Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

### Free State

#### Clocolan, Clocolan Dierekliniek

Beef: 1, Dairy: 2

#### Kroonstad, Kroonstad Dierehospitaal

Beef: 1, Dairy: 2

#### Memel, Memel Veterinary Clinic

Beef: 1

#### Senekal, Senekal Dierekliniek

Dairy: 1, Sheep: 1

### Kwazulu-Natal

#### Estcourt, Estcourt Vet Clinic

Dairy: 1

#### Howick, Howick Veterinary Clinic

Dairy: 3

#### Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

### Western Cape

#### Swellendam, Swellendam Dierehospitaal

Dairy: 2

## Eye infections



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.9 (7)	1.5 (2)	2.0 (1)	2.3 (3)	2.2 (9)	2.3 (12)	1.0 (1)	1.8 (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>	2.0 (3)	2.0 (1)	2.0 (1)	2.0 (2)	2.2 (6)	2.4 (5)		2.0 (2)	2.0 (1)
<b>Dairy</b>					2.0	3.0 (2)	1.0 (1)	2.0 (2)	

				(1)			
<b>Sheep</b>	2.0 (3)	1.0 (1)		3.0 (1)	2.5 (2)		1.0 (1)
<b>Goat</b>	1.0 (1)					2.0 (5)	2.0 (1)

### **Mpumalanga**

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

Beef: 1, Sheep: 1, Goat: 1

#### **Delmas, Rietkol Veterinêre spreekkamer**

Sheep: 2

#### **Ermelo, Moregloed Veterinêre Spreekkamer**

Beef: 3

#### **Standerton, Econovet**

Beef: 2, Sheep: 3

### **Gauteng**

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

Beef: 2, Sheep: 1

### **Limpopo**

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

Beef: 2

### **North West**

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

Beef: 3, Sheep: 3

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

Beef: 1

### **Free State**

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

Beef: 2, Dairy: 2, Sheep: 2

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

Beef: 3, Sheep: 3

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

Beef: 2

#### **Parys, Parys Dierekliniek**

Beef: 2

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

Beef: 2

#### **Viljoenskroon, Viljoenskroon Dierekliniek**

Beef: 2

### **Kwazulu-Natal**

#### **Camperdown, Camperdown Vet Clinic**

Goat: 2

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

Goat: 2

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

Beef: 3, Dairy: 3

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

Beef: 2, Goat: 2

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

Beef: 1, Goat: 1

#### **Underberg, Underberg Veterinary Surgery**

Beef: 3, Dairy: 3

#### **Vryheid, Dr GH Theron**

Beef: 3, Goat: 3

### **Eastern Cape**

#### **Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 1

### **Western Cape**

#### **Caledon, Caledon Dierekliniek**

Beef: 2

**Malmesbury, Invitrotech**

Dairy: 2

Three cases

**Oudtshoorn, Ostrimed**

Sheep: 1

**Swellendam, Swellendam Dierehospitaal**

Dairy: 2

**Wellington, Wellington Dierehospitaal**

Beef: 2

Moraxella bovis

**Northern Cape****Kuruman, Kuruman Dierekliniek**

Beef: 2, Goat: 2

**Joint Ill**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)	1.0 (2)		3.0 (2)	1.6 (5)	1.5 (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)	1.0 (1)		3.0 (1)	1.7 (3)	2.0 (1)			
<b>Sheep</b>	2.0 (1)	1.0 (1)		3.0 (1)	1.5 (2)				
<b>Goat</b>						1.0 (1)	1.0 (1)		

**Mpumalanga****Delmas, Rietkol Veterinêre spreekkamer**

Sheep: 2

**Grootvlei, Grootvlei Dierekliniek**

Beef: 1

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

Beef: 1

Degenerative joint disease

Sheep: 1

Septi arthritis

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

Beef: 3, Sheep: 3

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

Sheep: 1

**Clocolan, Clocolan Dierekliniek**

Beef: 2

**Harrismith, Harrismith Dierehospitaal**

Beef: 1

**Ladybrand, Ladybrand**

Beef: 2, Sheep: 2

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

Beef: 2

**Bergville, Tugela Vet Clinic**

Goat: 1

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

Goat: 1

Lameness/Foot Problems									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.8 (5)	2.0 (2)	2.5 (2)	2.0 (2)	1.7 (7)	1.8 (5)	1.0 (1)	1.8 (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>	1.8 (5)	2.0 (2)	2.5 (2)	2.0 (2)	1.7 (6)	2.0 (3)		1.5 (2)	2.0 (1)
<b>Dairy</b>						1.0 (1)	1.0 (1)	2.5 (2)	
<b>Sheep</b>					2.0 (1)	2.0 (1)		1.0 (1)	
<b>Goat</b>									2.0 (1)

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

Beef: 2

**Delmas, Rietkol Veterinêre spreekkamer**

Beef: 1

**Grootvlei, Grootvlei Dierekliniek**

Beef: 2

**Lydenburg, Lydenburg Dieresprekkamer**

Beef: 2

**Middelburg, Middelburg Dierehospitaal**

Beef: 2

**Gauteng****Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 2

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

Beef: 2

**Limpopo****Bela-Bela, Warmbad Dierekliniek**

Beef: 3

**Mokopane, Dr Henk Visser**

Beef: 2

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

Beef: 3

**Ventersdorp, Buffelsvlei Dierekliniek**

Beef: 1

**Free State****Bloemfontein, Dr Stephan Wessels**

Beef: 2

**Clocolan, Clocolan Dierekliniek**

Beef: 2

**Harrismith, Harrismith Dierehospitaal**

Beef: 2, Sheep: 2

**Hertzogville, Hertzogville Dierekliniek**

Beef: 1

**Reitz, Froneman Veterinary Practice**

Beef: 1



**Viljoenskroon, Viljoenskroon Dierekliniek**

Beef: 2

**Kwazulu-Natal****Dundee, Dr. Paul Reynolds CSS Vet**

Beef: 2

Swelling in limbs and a few animals died. Still no diagnoses

**Estcourt, Estcourt Vet Clinic**

Beef: 1, Dairy: 1

**Newcastle, Ncanduvet Newcastle**

Beef: 3, Sheep: 2

**Eastern Cape****Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 1

**Western Cape****Caledon, Caledon Dierekliniek**

Beef: 1

**Ceres, Ceres Veterinary Hospital**

Beef: 2

Two cows with hoof abscesses

**Malmesbury, Dr Otto Kriek**

Dairy: 3

**Malmesbury, Invitrotech**

Dairy: 2

Eight cass

**Oudtshoorn, Ostrimed**

Sheep: 1

**Northern Cape****Kuruman, Kuruman Dierekliniek**

Beef: 2, Goat: 2

**Lung infection**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.2 (11)	1.0 (1)	1.0 (2)	2.5 (12)	2.0 (12)	2.6 (8)	1.0 (3)	1.8 (5)	2.3 (4)

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

<b>Beef</b>	2.1 (7)	1.0 (1)	1.0 (2)	2.6 (7)	1.9 (9)	2.7 (3)	1.0 (1)		2.0 (1)
<b>Dairy</b>	2.0 (1)					2.7 (3)		2.3 (3)	
<b>Sheep</b>	2.3 (3)			2.4 (5)	2.3 (3)	2.5 (2)	1.0 (2)	1.0 (2)	2.5 (2)
<b>Goat</b>									2.0 (1)

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

Beef: 2

Pasteurellosis

Sheep: 2

Pasteurellosis

**Bethal, Bethal Dierekliniek**

Beef: 2

**Delmas, Rietkol Veterinêre spreekkamer**

Beef: 2, Dairy: 2

**Ermelo, Moregloed Veterinêre Spreekkamer**

Beef: 2

**Grootvlei, Grootvlei Dierekliniek**

Beef: 2

**Middelburg , Middelburg Dierehospitaal**

Beef: 3, Sheep: 3

**Nelspruit, Nelspruit Animal Hospital**

Sheep: 2

**Piet Retief, Pets Vet Hospital**

Beef: 2

**Gauteng**

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

Beef: 1

**Limpopo**

**Bela-Bela, Warmbad Dierekliniek**

Beef: 1

Pasteurilosis

**Polokwane, Pietersburg Veterinary Clinic**

Beef: 1

**North West**

**Christiana, Christiana Dierehospitaal**

Beef: 3, Sheep: 3

**Klerksdorp, Klerksdorp Dierehospitaal**

Beef: 2, Sheep: 2

**Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 3

Calves

Sheep: 3

**Lichtenburg, Dr CM Kruger-Rall**

Beef: 3

**Lichtenburg, Silver Cross veterinary Herd Health**

Beef: 3, Sheep: 3

Bontlong

**Ventersdorp, Buffelsvlei Dierekliniek**

Beef: 1, Sheep: 1

**Vryburg, Vryburg Dierehospitaal**

Beef: 3

Pasteurellosis

**Free State**

**Bethlehem, Bethlehem Animal Hospital**

Beef: 3, Sheep: 1

**Bloemfontein, Dr Stephan Wessels**

Beef: 3

**Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 1

**Clocolan, Clocolan Dierekliniek**

Beef: 2, Sheep: 3

**Harrismith, Harrismith Dierehospitaal**

Beef: 3, Sheep: 3

**Ladybrand, Ladybrand**

Beef: 1

**Parys, Parys Dierekliniek**

Beef: 1

**Reitz, Riemland Dierehospitaal**

Beef: 2

**Senekal, Senekal Dierekliniek**

Beef: 1

**Kwazulu-Natal**

**Bergville, Bergville Veterinary Clinic**

Beef: 3

**Bergville, Tugela Vet Clinic**

Beef: 2, Sheep: 2

**Howick, Howick Veterinary Clinic**

Dairy: 3

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

Dairy: 2

**Newcastle, Ncanduvet Newcastle**

Beef: 3

**Underberg, Underberg Veterinary Surgery**

Dairy: 3, Sheep: 3

**Eastern Cape**

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

Sheep: 1

**Middelburg (EC), Steynsburg Dierehospitaal**

Sheep: 1

**Port Alfred, Port Alfred Veterinary Clinic**

Beef: 1

Shipping fever x1

**Western Cape**

**Caledon, Overberg Veterinary Hospital**

Sheep: 1

**Heidelberg (WC), Heidelberg Dierekliniek**

Dairy: 3

Milk calves

**Malmesbury, Dr Otto Kriek**

Dairy: 3

Wind chill factor is underestimated when transporting animals during the colder months of the year.

**Malmesbury, Invitrotech**

Dairy: 1

**Oudtshoorn, Ostrimed**

Sheep: 1

Dust, drought.

**Northern Cape**

**Kimberley, Kimberley Dierekliniek**

Beef: 2

**Kuruman, Kuruman Dierekliniek**

Sheep: 2, Goat: 2

**Upington, Upington Veterinary Clinic**

Sheep: 3

Sheep transported from Namibia to Upington abattoir - cold temperature. Every day 2-3 deaths on transporter.

**Mastitis in general**

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)	1.7 (6)	1.3 (3)	1.3 (3)	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>	1.0 (1)				1.5 (2)	1.0 (1)		1.5 (2)	
<b>Dairy</b>				1.0 (1)	1.7 (3)	2.0 (1)	1.5 (2)	2.0 (3)	
<b>Sheep</b>					2.0 (1)				
<b>Goat</b>						1.0 (1)	1.0 (1)		

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

Beef: 1

**North West****Lichtenburg, Silver Cross veterinary Herd Health**

Dairy: 1

**Free State****Bloemfontein, Dr Stephan Wessels**

Dairy: 2

**Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 1

**Clocolan, Clocolan Dierekliniek**

Dairy: 2

**Harrismith, Harrismith Dierehospitaal**

Beef: 2, Sheep: 2

**Senekal, Senekal Dierekliniek**

Dairy: 1

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

Dairy: 2

**Pongola, Pongola Animal Clinic**

Beef: 1, Goat: 1

**Eastern Cape****Alexandria, Alexandria Platteland Spreekkamer**

Dairy: 1

**Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 2

**Nieu Bethesda, Dr Mac Mc Farlane**

Goat: 1

**Western Cape****Caledon, Caledon Dierekliniek**

Beef: 2

**Caledon, Overberg Veterinary Hospital**

Beef: 1

**Malmesbury, Dr Otto Kriek**

Dairy: 2

**Malmesbury, Invitrotech**

Dairy: 3

57 cases

**Plettenberg Bay, Plettenberg Bay A Reitz**

Dairy: 1

Acute mastitis - 1 Jersey cow out of 350 cows

**Navel Ill**

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

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

Beef: 2

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

Beef: 2

**Free State****Ficksburg, Oosvrystaat Diere Produkte**

Beef: 1

**Ladybrand, Ladybrand**

Sheep: 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 (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 (1)				2.0 (1)				
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**Mpumalanga****Delmas, Rietkol Veterinêre spreekkamer**

Sheep: 2

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

Sheep: 2

**Trauma**

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

**Mpumalanga****Middelburg, Middelburg Dierehospitaal**

Beef: 2

**Eastern Cape****Alexandria, Alexandria Platteland Spreekkamer**

Dairy: 1

Wire - traumatic pericarditis

**Queenstown, Queenstown Veterinary clinic**

Beef: 1

Wire - traumatic pericarditis

**Western Cape****Malmesbury, Invitrotech**

Dairy: 2

Seven cases

## Downer ^

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)			1.8 (4)	1.0 (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>	1.0 (1)	1.0 (1)			1.7 (3)	1.0 (1)			2.0 (1)
<b>Dairy</b>		1.0 (1)			2.0 (1)			3.0 (1)	

### Mpumalanga

#### Delmas, Rietkol Veterinêre spreekkamer

Beef: 1

### Gauteng

#### Bronkhorstspuit, Kerkstraat Dierekliniek

Dairy: 1

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

Beef: 1

### Free State

#### Clocolan, Clocolan Dierekliniek

Dairy: 2

#### Harrismith, Harrismith Dierehospitaal

Beef: 2

#### Hertzogville, Hertzogville Dierekliniek

Beef: 1

#### Reitz, Froneman Veterinary Practice

Beef: 2

### Kwazulu-Natal

#### Dundee, Dr. Paul Reynolds CSS Vet

Beef: 1

### Western Cape

#### Malmesbury, Invitrotech

Dairy: 3

Ten out of 8 000

### Northern Cape

#### Kuruman, Kuruman Dierekliniek

Beef: 2

## Other ^

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

### Gauteng

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

Goat: 1

Contracted tendons

**Western Cape****Malmesbury, Invitrotech**

Dairy: 2

Six cows with fever. Culled 103 cows out of 8 000 due to downers, mastitis, lameness, fertility problems (queen), lungs and displaced abomasum.

**Northern Cape****De Aar, De Aar Veterinary Clinic**

Sheep: 2

Watery carcasses at abattoir - unknown origin possibly proein deficiency

**Metabolic Diseases****Acidosis**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.5 (6)	3.0 (1)		1.0 (1)	2.0 (17)	1.7 (3)	3.0 (1)	2.5 (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>	2.5 (2)			1.0 (1)	1.9 (7)	1.0 (1)			
<b>Dairy</b>					2.0 (2)	3.0 (1)		3.0 (1)	
<b>Sheep</b>	3.0 (2)	3.0 (1)			2.3 (7)			2.3 (3)	
<b>Goat</b>	2.0 (2)				1.0 (1)	1.0 (1)	3.0 (1)		

**Mpumalanga****Delmas, Rietkol Veterinêre spreekkamer**

Beef: 2, Sheep: 3, Goat: 3

**Nelspruit, Nelspruit Animal Hospital**

Goat: 1

**Standerton, Econovet**

Beef: 3, Sheep: 3

**Gauteng****Nigel, Welgelegen Dierkliniek**

Sheep: 3

**North West****Ventersdorp, Buffelsvlei Dierkliniek**

Beef: 1

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

Beef: 2

**Bultfontein, Greylingrust Dieresprekkamer**

Sheep: 2

**Clocolan, Clocolan Dierkliniek**

Beef: 3, Sheep: 3

**Ficksburg, Oos-Vrystaat Diereprodukte**

Dairy: 2, Sheep: 1

**Harrismith, Harrismith Dierehospitaal**

Goat: 1

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 1, Sheep: 3

**Memel, Memel Veterinary Clinic**

Beef: 1, Sheep: 3

**Reitz, Riemland Dierehospitaal**

Beef: 2

**Senekal, Senekal Dierekliniek**

Beef: 2, Dairy: 2, Sheep: 2

**Vrede, Vrede Dierehospitaal**

Beef: 2, Sheep: 2

**Kwazulu-Natal**

**Dundee, Dr. Paul Reynolds CSS Vet**

Goat: 1

**Estcourt, Estcourt Vet Clinic**

Beef: 1

**Mooi River, Mooirivier Vet Clinic**

Dairy: 3

Sub acute ruminal acidosis (SARA)

**Eastern Cape**

**Cradock, Cradock Veterinary Clinic**

Goat: 3

Overeating of 12 Angoras on one farm

**Western Cape**

**Beaufort West, Beaufort West State Vet**

Sheep: 2

Animas not adapted with drought feed

**Heidelberg (WC), Heidelberg Dierekliniek**

Sheep: 2

**Malmesbury, Dr Otto Kriek**

Dairy: 3

Highly qualified personnel are required to be in charge of this most important function on any intensive farming enterprise. Invariably problems are encountered when "back-up" staff are entrusted with this highly responsible job of weighing/mixing and feeding of TMRs.

Sheep: 3

Highly qualified personnel are required to be in charge of this most important function on any intensive farming enterprise. Invariably problems are encountered when "back-up" staff are entrusted with this highly responsible job of weighing/mixing and feeding of TMRs.

**Displaced abomasum**

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)	

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)		2.0 (1)	
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**Kwazulu-Natal**

**Howick, Howick Veterinary Clinic**

Dairy: 2

**Western Cape**

**Malmesbury, Invitrotech**

Dairy: 2

Four out of 8 000

**Ketosis**



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

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

#### Mpumalanga

##### Delmas, Rietkol Veterinêre spreekkamer

Sheep: 2

#### Free State

##### Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

##### Reitz, Riemland Dierehospitaal

Sheep: 2

##### Senekal, Senekal Dierekliniek

Sheep: 1

##### Winburg, Winburg Dierekliniek

Beef: 2

#### Western Cape

##### Malmesbury, Invitrotech

Dairy: 1

##### Oudtshoorn, Oudtshoorn Dierekliniek

Beef: 1

Sub-clinical ketosis

##### Wellington, Wellington Dierehospitaal

Sheep: 2

Sheep losing weight with ketosis (domsiekte) on 3 farms.

#### Northern Cape

##### Calvinia, Calvinia Veeartskliniek

Sheep: 3

### Milk Fever



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)	1.3 (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>				1.0 (1)	1.0 (1)				
<b>Dairy</b>					1.0 (1)	2.0 (1)		2.0 (1)	
<b>Sheep</b>	1.0 (1)				2.0 (1)				

**Mpumalanga**  
**Delmas, Rietkol Veterinêre spreekkamer**

Sheep: 1

**North West**

**Ventersdorp, Buffelsvlei Dierekliniek**

Beef: 1

**Free State**

**Clocolan, Clocolan Dierekliniek**

Dairy: 1

**Harrismith, Harrismith Dierehospitaal**

Beef: 1

**Ladybrand, Ladybrand**

Sheep: 2

**Kwazulu-Natal**

**Howick, Howick Veterinary Clinic**

Dairy: 2

**Western Cape**

**Ceres, Ceres Veterinary Hospital**

Dairy: 2

Two cows

**Reproductive diseases**

**Dystocia (Difficult Births)**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.2 (9)	1.8 (5)	1.0 (1)	2.7 (3)	1.9 (26)	1.7 (12)	1.0 (3)	2.0 (7)	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>	2.2 (6)	2.0 (2)	1.0 (1)	2.5 (2)	1.8 (16)	1.8 (6)	1.0 (2)	1.8 (4)	1.0 (1)
<b>Dairy</b>					1.0 (2)	1.5 (2)	1.0 (1)	2.0 (2)	
<b>Sheep</b>	2.5 (2)	1.5 (2)		3.0 (1)	2.4 (8)	1.3 (3)		3.0 (1)	
<b>Goat</b>	2.0 (1)	2.0 (1)				2.0 (1)			

**Mpumalanga**

**Balfour, Balfour Dierekliniek**

Beef: 2

**Bethal, Bethal Dierekliniek**

Beef: 2, Sheep: 2

**Delmas, Rietkol Veterinêre spreekkamer**

Beef: 2, Sheep: 3, Goat: 2

**Grootvlei, Grootvlei Dierekliniek**

Beef: 2

**Middelburg, Middelburg Dierehospitaal**

Beef: 3

**Volksrust, Cape Cross Volksrust Dierehospitaal**

Beef: 2

**Gauteng**

**Bapsfontein, Bapsfontein Dierehospitaal**

Sheep: 2

**Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 3

**Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 1

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

Beef: 1, Goat: 2

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

Beef: 1

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

Beef: 2

**Klerksdorp, Klerksdorp Dierehospitaal**

Beef: 3, Sheep: 3

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

Beef: 2, Sheep: 3

**Bethlehem, Bethlehem State Vet**

Beef: 1

**Bloemfontein, Dr Stephan Wessels**

Beef: 1

**Bothaville, Cape Cross Bothaville Veterinary Hospital**

Dairy: 1

**Clocolan, Clocolan Dierekliniek**

Beef: 3, Sheep: 3

**Ficksburg, Oosvrystaat Diere Produkte**

Dairy: 1, Sheep: 2

**Frankfort, Frankfort Dierekliniek**

Beef: 3

**Gariepdam, Gariep Dierekliniek**

Beef: 1

**Harrismith, Harrismith Dierehospitaal**

Beef: 1

**Hertzogville, Hertzogville Dierekliniek**

Beef: 2, Sheep: 2

**Hoopstad, Hoopstad Dierekliniek**

Beef: 2, Sheep: 3

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 2

**Ladybrand, Ladybrand**

Beef: 1

**Memel, Memel Veterinary Clinic**

Beef: 2, Sheep: 2

**Reitz, Froneman Veterinary Practice**

Beef: 1

**Reitz, Riemland Dierehospitaal**

Beef: 2, Sheep: 2

**Wesselsbron, Wesselsbron Dierekliniek**

Beef: 1, Sheep: 2

**Winburg, Winburg Dierekliniek**

Beef: 3

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

Beef: 2

**Bergville, Tugela Vet Clinic**

Beef: 2, Sheep: 2

**Camperdown, Camperdown Vet Clinic**

Goat: 2

**Howick, Howick Veterinary Clinic**

Beef: 2, Dairy: 2

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 1

**Newcastle, Ncanduvet Newcastle**

Beef: 3, Sheep: 1

**Underberg, Underberg Veterinary Surgery**

Beef: 1, Dairy: 1, Sheep: 1

**Eastern Cape****Alexandria, Alexandria Platteland Spreekkamer**

Dairy: 1

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

Beef: 1

**Queenstown, Queenstown Veterinary clinic**

Beef: 1

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

Beef: 2

**Ceres, Ceres Veterinary Hospital**

Beef: 1

**Heidelberg (WC), Heidelberg Dierekliniek**

Dairy: 2

**Malmesbury, Invitrotech**

Dairy: 2

Six cases; one cesarean setion

**Oudtshoorn, Ostrimed**

Sheep: 3

**Stellenbosch, Stellenbosch Animal Hospital**

Beef: 1

**Wellington, Wellington Dierehospitaal**

Beef: 3

**Northern Cape****Philipstown, Rowelsfontein veearts Spreekkamer**

Beef: 1

**Endometritis**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)				1.5 (4)	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>					1.3 (3)				
<b>Dairy</b>	1.5 (2)				2.0 (1)	2.5 (2)		2.0 (1)	

**Mpumalanga****Delmas, Rietkol Veterinêre spreekkamer**

Dairy: 1

**Piet Retief, Pets Vet Hospital**

Dairy: 2

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

Beef: 2

**Clocolan, Clocolan Dierekliniek**

Beef: 1, Dairy: 2

**Harrismith, Harrismith Dierehospitaal**

Beef: 1

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

Dairy: 2

**Howick, Howick Veterinary Clinic**

Dairy: 3

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

Dairy: 2

**Metritis**

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)	2.0 (1)	2.0 (3)	2.0 (2)	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)		1.0 (1)	2.0 (1)	1.0 (1)			2.0 (1)	
<b>Dairy</b>	1.0 (1)				2.5 (2)	2.0 (2)	2.5 (2)		

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

Beef: 1

**Bethal, Bethal Dierekliniek**

Dairy: 1

**Limpopo****Bela-Bela, Warmbad Dierekliniek**

Beef: 1

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

Beef: 2

**Free State****Bloemfontein, Dr Stephan Wessels**

Beef: 1

**Clocolan, Clocolan Dierekliniek**

Dairy: 3

**Senekal, Senekal Dierekliniek**

Dairy: 2

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

Dairy: 1

**Howick, Howick Veterinary Clinic**

Dairy: 3

**Eastern Cape****Alexandria, Alexandria Platteland Spreekkamer**

Dairy: 2

**Kareedouw, Tenax Vet Clinic**

Dairy: 3

62 cases

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

Beef: 2

Poor conception									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.5 (4)	1.0 (2)			2.1 (10)	2.7 (6)	2.8 (4)	1.8 (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>	2.5 (4)				2.2 (5)	2.6 (5)	3.0 (2)	1.5 (2)	
<b>Dairy</b>					2.0 (4)	3.0 (1)	2.0 (1)	2.0 (2)	
<b>Sheep</b>		1.0 (1)			2.0 (1)		3.0 (1)		
<b>Goat</b>		1.0 (1)							
<b>Mpumalanga</b>									
<b>Lydenburg, Lydenburg Dieresprekkamer</b>									
Beef: 3									
<b>Middelburg , Middelburg Dierehospitaal</b>									
Beef: 2									
<b>Nelspruit, Nelspruit Animal Hospital</b>									
Beef: 2									
<b>Volkswest, Cape Cross Volkswest Dierehospitaal</b>									
Beef: 3									
<b>Gauteng</b>									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Sheep: 1, Goat: 1									
<b>Free State</b>									
<b>Bothaville, Cape Cross Bothaville Veterinary Hospital</b>									
Dairy: 1									
<b>Clocolan, Clocolan Dierekliniek</b>									
Beef: 2, Dairy: 2									
<b>Harrismith, Harrismith Dierehospitaal</b>									
Beef: 2									
<b>Kroonstad, Kroonstad Dierehospitaal</b>									
Dairy: 2									
<b>Ladybrand, Ladybrand</b>									
Dairy: 3									
<b>Memel, Memel Veterinary Clinic</b>									
Beef: 2									
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>									
Beef: 2, Sheep: 2									
<b>Winburg, Winburg Dierekliniek</b>									
Beef: 3									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 2									
<b>Dundee, Dr. Paul Reynolds CSS Vet</b>									
Beef: 3									
<b>Howick, Howick Veterinary Clinic</b>									
Dairy: 3									
<b>Kokstad, E.G.Veterinary Services</b>									
Beef: 2									
<b>Newcastle, Ncanduvet Newcastle</b>									

Beef: 3

**Vryheid, Dr GH Theron**

Beef: 3

**Eastern Cape**

**Alexandria, Alexandria Platteland Spreekkamer**

Dairy: 2

**Humansdorp, Humansdorp Veterinary Clinic**

Beef: 3

**Middelburg (EC), Steynsburg Dierehospitaal**

Beef: 3

First calvers and adult cows in poor condition,

Sheep: 3

Number of twins reduced as a result of drought. Conception not severely affected

**Western Cape**

**Caledon, Overberg Veterinary Hospital**

Beef: 1

**Heidelberg (WC), Heidelberg Dierkliniek**

Dairy: 2

**Malmesbury, Dr Otto Kriek**

Dairy: 2

Competent inseminators do make a difference with regard to conception. It would therefore be helpful if these competent inseminators share their knowledge with the beginners. In so doing they will always confirm that best results are achieved by going back to basics!! Financial losses are huge if insemination isn't done accurately/properly

**Oudtshoorn, Ostrimed**

Beef: 2

Drought, nutritional deficiencies

**Retained afterbirth**

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)	1.0 (1)		1.7 (6)	1.8 (4)	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)	1.0 (1)		1.7 (6)	1.5 (2)	1.0 (1)	1.0 (1)	
<b>Dairy</b>						2.0 (2)			

**Mpumalanga**

**Delmas, Rietkol Veterinêre spreekkamer**

Beef: 1

**Gauteng**

**Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 1

**Limpopo**

**Polokwane, Pietersburg Veterinary Clinic**

Beef: 1

**Free State**

**Bloemfontein, Dr Stephan Wessels**

Beef: 1

**Bultfontein, Greylingrust Dierespreekkamer**

Beef: 2

**Clocolan, Clocolan Dierkliniek**

Beef: 2

**Ficksburg, Oosvrystaat Diere Produkte**

Beef: 1

**Harrismith, Harrismith Dierehospitaal**

Beef: 2

**Winburg, Winburg Dierekliniek**

Beef: 2

**Kwazulu-Natal**

**Bergville, Bergville Veterinary Clinic**

Beef: 2

**Bergville, Tugela Vet Clinic**

Beef: 1

**Howick, Howick Veterinary Clinic**

Dairy: 3

**Mooi River, Mooirivier Vet Clinic**

Dairy: 1

**Eastern Cape**

**Middelburg (EC), Steynsburg Dierehospitaal**

Beef: 1

**Western Cape**

**Caledon, Overberg Veterinary Hospital**

Beef: 1

## Sheath Prolaps [^](#)

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>Beef</b>						1.0 (1)			
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**Kwazulu-Natal**

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 1

## Uterus prolaps [^](#)

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)				1.9 (11)	1.0 (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>Beef</b>					1.9 (7)				
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<b>Dairy</b>						1.0 (1)		1.0 (1)	
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<b>Sheep</b>	1.5 (2)				2.0 (4)				
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**Mpumalanga**

**Bethal, Bethal Dierekliniek**

Sheep: 1

**Delmas, Rietkol Veterinêre spreekkamer**

Sheep: 2

**Free State**



**Clocolan, Clocolan Dierekliniek**

Beef: 3

**Ficksburg, Oosvrystaat Diere Produkte**

Beef: 1, Sheep: 2

**Frankfort, Frankfort Dierekliniek**

Beef: 3, Sheep: 3

**Parys, Parys Dierekliniek**

Beef: 1

**Reitz, Froneman Veterinary Practice**

Beef: 1

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2, Sheep: 2

**Wesselsbron, Wesselsbron Dierekliniek**

Sheep: 1

**Winburg, Winburg Dierekliniek**

Beef: 2

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

Dairy: 1

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

Dairy: 1

**Vaginal (Cervical) prolaps**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)				1.8 (13)	1.5 (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>	2.0 (1)				1.6 (8)	1.5 (2)			2.0 (1)
<b>Sheep</b>	1.0 (1)				2.0 (5)				

**Mpumalanga****Delmas, Rietkol Veterinêre spreekkamer**

Beef: 2

**Grootvlei, Grootvlei Dierekliniek**

Sheep: 1

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

Beef: 1

**Ficksburg, Oosvrystaat Diere Produkte**

Beef: 1, Sheep: 2

**Hoopstad, Hoopstad Dierekliniek**

Beef: 2, Sheep: 3

**Kroonstad, Kroonstad Dierehospitaal**

Sheep: 2

**Memel, Memel Veterinary Clinic**

Beef: 2

**Reitz, Riemland Dierehospitaal**

Beef: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2, Sheep: 2

**Vrede, Vrede Dierehospitaal**

Beef: 1

**Wesselsbron, Wesselsbron Dierekliniek**

Sheep: 1

**Winburg, Winburg Dierekliniek**

Beef: 2

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

Beef: 2

**Camperdown, Camperdown Vet Clinic**

Beef: 1

**Northern Cape****Kuruman, Kuruman Dierekliniek**

Beef: 2

**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)			3.0 (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>	1.0 (1)								
<b>Sheep</b>				3.0 (2)					
<b>Goat</b>					1.0 (2)				

**Mpumalanga****Delmas, Rietkol Veterinêre spreekkamer**

Beef: 1

**North West****Lichtenburg, Silver Cross veterinary Herd Health**

Sheep: 3

Lambs

**Vryburg, Vryburg Dierehospitaal**

Sheep: 3

**Free State****Kroonstad, Kroonstad Dierehospitaal**

Goat: 1

**Wesselsbron, Wesselsbron Dierekliniek**

Goat: 1

**Drought**

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

**Sheep** 3.0 (1)

**Western Cape**

**Piketberg, Piketberg Dierehospitaal**

Sheep: 3

Due to drought ewes do not have enough milk

**Lightning** [^](#)

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

**Beef** 3.0 (1)

**Kwazulu-Natal**

**Newcastle, Ncanduvet Newcastle**

Beef: 3

**Non specific diseases**

**Cause of death not established** [^](#)

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

**Beef** 3.0 (1)

**Western Cape**

**Swellendam, Swellendam Dierehospitaal**

Beef: 3

**Preditors** [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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**Average** 2.5 (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

**Sheep** 2.5 (2) 3.0 (1)

**Free State**

**Gariepdam, Gariep Dierekliniek**

Sheep: 3

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 2

**Northern Cape**

**Philipstown, Rowelsfontein veearts Spreekkamer**

Sheep: 3

## Sabotation - Theft ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		2.0 (1)			2.7 (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 (1)			2.3 (3)				
<b>Dairy</b>					3.0 (1)				
<b>Sheep</b>					3.0 (2)				

### Gauteng

#### Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

Theft

### Free State

#### Clocolan, Clocolan Dierekliniek

Beef: 3, Dairy: 3, Sheep: 3

#### Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 3

#### Winburg, Winburg Dierekliniek

Beef: 2

## Trauma ^

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)	1.0 (1)			
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### Free State

#### Memel, Memel Veterinary Clinic

Beef: 2

### Kwazulu-Natal

#### Camperdown, Camperdown Vet Clinic

Beef: 1

