

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

October 2018

(Previous disease reports can be seen on the RuVASA website www.ruvasa.co.za)

These reports include data from individual practices

Click on Disease Reports

The following practices and laboratories (129) submitted reports during October 2018:

Mpumalanga (10)

Balfour – Dr. Louis van Jaarsveld
Bethal – Dr. Hardus Pieters
Grootvlei – Dr. Neels van Wyk
Karino – Dr. Silke Pfitzer
Lydenburg – Dr. Marietjie Malan
Middelburg – Drs. Erasmus, Malan and Bernitz
Nelspruit – Dr. André Beytel
Piet Retief – Drs. Niebuhr and Weber
Standerton – Dr. Kobie Kroon
Volksrust – Dr. Johan Blaauw

Gauteng (8)

Bapsfontein – Drs. Englbrecht and Olivier
Bronkhorstspuit – Dr. De Bruin, De Bruin and Labuschagne
Hammanskraal – Dr. Hentie Englbrecht
Magaliesburg – Dr. Ryan Jeffery
Nigel – Dr. Cindy van der Westhuizen
Onderstepoort Veterinary Academic Hospital – Proff. Annandale, Shakespear, Holm, Pettet and Drs, Fitte, Grobler, Hamman, Koepfel, Leask, Mabu, Marufu, Mokoele, O'Dell, Tshuma and Van der Leek
Pretoria – Dr. Hanneke Pienaar
Vanderbijlpark – Dr. Kobus Kok

Limpopo (9)

Bela-Bela – Dr. Nele Sabbe

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

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

Mokopane (Potgietersrust)- Dr. Henk Visser

Mokopane - Dr. Alwyn Venter (CCS)

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

Tzaneen – ZZ2 Farm practice – Dr. Danie Odendaal

Vaalwater – Dr. Hampie van Staden

Vaalwater – Dr. Annemieke Müller

North West (9)

Brits – Dr. Boshoff and Coertze

Christiana - Dr. Pieter Nel

Klerksdorp – Drs. Geral, Theron, Van den Berg and Van den Berg

Klerksdorp – Drs. Coetzee and Venter

Leeudoringstad – Dr. Ian Jonker

Lichtenburg – Dr. Nelmarie -Krüger-Rall

Stella - Dr. Magdaleen Vosser

Ventersdorp/ Koster –Drs. Benadé and Van der Merwe

Vryburg – Dr. Jurie Kritzing

Free State (24)

Bethlehem – Drs. Strydom and Strydom

Bloemfontein – Dr. Stephan Wessels

Bultfontein – Dr. Santjie Pieterse

Clocolan – Drs. Wasserman and Basson

Dewetsdorp – Dr. Marike Badenhorst

Ladybrand – Drs. Dedré Nel

Ficksburg – Drs. Kotzé and Coetzer

Frankfort - Drs. Lessing, Cilliers and Janse van Rensburg

Gariiep Dam – Dr. Marni Malan

Hertzogville – Dr. Nico Hendrikz

Hoopstad – Dr. Kobus Pretorius

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

Memel – Drs. Nixon and Nixon

Parys – Drs. Wessels and Wessels

Philippolis – Dr. Stephan van Niekerk

Reitz - Dr. Murray Smith

Smithfield – Dr. Nienke van Hasselt

Trompsburg – Dr. Wyn Irwin

Viljoenskroon – Dr. Johan Kahts

Villiers – Drs. Hattingh and Hauptfleish

Vrede – Drs. Myburgh and Bester-Cloete

Vrede – Dr. Rudolph Fourie

Wesselsbron – Dr. Johan Jacobs

Zastron – Drs. Troskie and Strauss

KwaZulu-Natal (12)

Bergville - Dr. Ariena Shepherd

Bergville – Dr. Jubie Muller

Camperdown – Dr. Anthony van Tonder

Dundee – Drs. Marais, Fynn and Reynolds

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

Kokstad – Drs. Clowes and Shrives

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 - Dr. Johan Olivier

Alexandria – Dr. Charlene Boy

Aliwal North – Drs. Troskie and Strauss

Bathurst – Dr. Jane Pistorius

Cofimvaba – Dr. Werner Wentzel

Cradock – Dr. Frans Erasmus

Graaff- Reinet - Dr. Roland Larson

Graaff-Reinet – Drs. Hobson, Strydon and Hennesy

Humansdorp – Drs. Van Niekerk, Jansen Van Vuuren and Davis

Jeffreys Bay – Drs. Lategan, Hoek and McFarlane

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

Somerset East – Drs. Farrel, Louw and Ross

Steynsburg – Dr. Johan Van Rooyen

Stutterheim – Dr. Dave Waterman

Uitenhage – Drs. Mulder and Krüger

Witelsbos – Dr. Elmien Kotze

Western Cape (23)

Beaufort West - Dr. Jaco Pienaar

Caledon – Drs. Retief, Coetzer and Janssen

Caledon – Drs. Louw and Viljoen

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

Darling – Drs. Van der Merwe, Adam, Lord, Jenkins and Hodgson
George – Drs. Strydom, Truter and Pettifer
Heidelberg – Dr. Albert van Zyl
Malmesbury – Dr. Otto Kriek
Malmesbury – Dr. Markus Fourie
Malmesbury – Dr. Andries Lesch
Malmesbury – Drs. Heyns and Zolner
Moorreesburg – Drs. Kotzé and Sheridan Tygerbeg Animal Hospital
Oudtshoorn – Dr. Glen Carlisle
Oudtshoorn – Dr. Adriaan Olivier
Piketberg – Dr. André van der Merwe
Plettenberg Bay – Dr. André Reitz
Riversdale – Drs. Du Plessis, Taylor and De Bruyn
Stellenbosch – Dr. Alfred Kidd
Swellendam – Dr. Jacques Malan
Tulbagh/Ceres – Drs. Hamman, Wilson and Triegaardt
Vredenburg – Dr. Izak Rust
Wellington – Dr. Van Zyl and Louw
Worcester – Dr. Kobus Rabe

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
Postmasburg – Dr. Boeta van der Merwe
Upington – Drs. Vorster and Visser

Feedlots (2)

Drs. Morris and Du Preez
Dr. Andy Hentzen

Laboratory reports (7)

Dr. Marijke Henton - Vetdiagnostix, Johannesburg
Dr. Liza du Plessis – Idexx SA - Johannesburg
Dr. Last – Vetdiagnostix, Pietermaritzburg
Dr. Sophette Gers – Pathcare, Cape Town
Dr. Annelie Cloete - Stellenbosch
Queenstown Provincial Laboratory

Summary

October has been labeled by the Afrikaans poet Louis Leipoldt as the prettiest month of the year. The Jacarandas of Pretoria is proof thereof. Hopefully by the time that you read this report rain has fallen in the summer rainfall area.

Rain with a rise in temperature is also a signal for farmers to be aware of the increase in internal and external parasite numbers. Information received from veterinary practices, as depicted in the tables in this report, confirms this.

Extremely important is to check lambs, pregnant ewes and calves for signs of infestation with internal parasites i.e. pinkish eye mucous membranes, bottle jaws, diarrhoea and weight loss. Your veterinarian can also assist you by doing faecal egg counts. It is also important that an anthelmintic should be chosen which is effective as resistant worms to certain anthelmintic active groups are present on some farms. Contact your veterinarian to assist you by performing faecal egg count reduction tests.

Tick and fly numbers, as reported, are also on the increase and so are the tick transmitted diseases i.e. African red water, Asiatic red water, anaplasmosis and heartwater. As blue tick resistance is rife an effective acaricide active should be chosen. Tests can be done to help you to choose the correct active. A slight increase was seen in the occurrence of insect transmittable diseases i.e. lumpy skin disease, ephemeral fever (three-day-stiff sickness) and blue tongue. Fortunately, as yet no report of Rift Valley Fever was reported.

Venereal disease, trichomonosis and vibriosis were reported from most provinces. These diseases can cause huge economic losses to cattle farmers and biosecurity measures should always be implemented. The following bacterial diseases, for which vaccines are available, were reported: blackquarter, botulism, pulpy kidney, lamb dysentery, swelled head, red gut, blood gut, tetanus, pasteurellosis, salmonellosis, bovine brucellosis, ram's disease, leptospirosis, *E. coli* and enzootic abortion. Consult with your veterinarian what your risk is and decide on a vaccination programme.

The following viral diseases were reported: BMC (snotsiekte), rabies, BVD, IBR, rota and corona virus, EBL, orf and warts.

Protozoal diseases reported were: African- and Asiatic red water (killer disease), coccidiosis and cryptosporidiosis. Cryptosporidiosis in combination with pathogenic *E.coli*, is causing huge losses of young lambs and calves. Biosecurity measures and high quality colostrum to off spring should be pursued on all farms to prevent these losses. Discuss measures with your veterinarian.

Toxicities reported were: cardiac glycoside, gifblaar, ink berry, tulip, *Cynanchum*, *Lantana*, *Senecio*, *Acacia nilotica*, vemeersiekte, chinkerinchee, rye grass, mycotoxicosis, diplodiosis, syringa berries, water contamination, urea, snake bite, blue green algae, copper, lead, hypo and glyphosate.

Due to drought conditions numerous animals suffered from protein and energy deficiencies. Downer cows, retained afterbirths, uterine prolapses, dystocias and vitamin A deficiencies and eye problems were reported.

Lung infections in animals were reported from all provinces where dust and fluctuations in temperatures played a huge role as contributing factors.

For details of other diseases and conditions read the full report.

Eradication of Bovine Brucellosis (Infected herd programme basics)

Dr.Sewellyn Davey, Brucellosis Steering Committee of the Animal Health Forum
(sewellynd@elsenburg.com)

Bovine brucellosis is a highly contagious bacterial infection of cattle that not only causes **financial losses** but is also a **zoonosis** which means that the disease can be spread to humans either through contact with infected aborted material, calves and placentas, and consuming infected raw milk or dairy products. Once bovine brucellosis has been diagnosed on your farm it is essential that you recognise the importance of this fact and make the decision to eradicate the disease from your farm as soon as possible. As brucellosis is a controlled disease your farm will be **quarantined**. Speak to someone who has successfully eradicated the disease from their farm and together with someone who is knowledgeable about the disease draw up an eradication programme specifically designed for your farm conditions. You as a farmer and your State Vet need to work closely together to effectively eradicate bovine brucellosis from your farm. This close collaboration and action plan is needed as the management on each infected farm is different - so a "one size fits all" approach will not work. If the eradication programme is not working for you, discuss it with your State Vet and adapt the approach to make it manageable.

There are a few basic principles involved in eradication:

Bovine brucellosis is a **herd disease** and should be treated as such. This is because not all infected cattle may have formed antibodies against the disease and will show as "false negatives" on blood tests. Also, the disease can have a very **variable incubation period** from 2 weeks to months, or in some rare cases even years. Heifers can be "**latent carriers**" and although infected will not show that they are positive on blood tests until they are more than 5 months pregnant or even only after calving/abortion.

Do not go into denial about the disease. By not taking rapid action you will only allow more cattle to become infected and prolong the eradication process- - every time an infected heifer or cow calves on your farm she sheds millions of bacteria that infect the environment and serve as a source of infection for other animals on the farm. Infected animals will be branded with a "**C**" **brand mark** on the right hand side of the neck to show that they are infected. Have them slaughtered under a **Red Cross permit** as soon as possible after diagnosis at an approved abattoir. Do not sell animals from a herd under

quarantine to another farmer or at an auction as these animals can cause a new outbreak of infection on another farm and you can become **liable** for the spread of the disease!

Besides the tests and the slaughter aspect of brucellosis eradication, **management** of your herd is of utmost importance. **Adult vaccination** (as well as heifer vaccination as stated in the Animal Diseases Act) can be used after discussion with your vet, to reduce the numbers of bacteria released into the environment as well as the risk of abortion, and is used as a management tool to try and prevent the spread of disease within the herd. Adult vaccination can have its own draw back so must be discussed beforehand so that an informed decision can be made about its use.

Management can include better observations to try and determine if a heifer/cow is about to calve/abort and remove her from the herd to an “isolation” camp as soon as possible; removing any foetal material from the pasture as soon as possible and destroying it; increasing the size of camps so the cattle density is decreased; dividing your herd size into smaller numbers to try and prevent the risk of infecting more animals than necessary; separating high risk from low risk animals; disinfection of areas; creating calving cubicles that can be easily disinfected; looking at farm topography and water ways; etc. Dairies need a very high level of management as cows in milk congregate around the milking parlour at least 2 to 3 times a day, and around water and feed troughs more frequently.

All female cattle and bulls over the age of 18 months must be tested by means of **serology (blood samples)**. Serological testing of cattle is essential to **identify sero-positive infected animals**. It is essential that the animals are **permanently and individually identified** so that the positive blood test can be traced back to the correct animal, and that she can be branded with a C-brand on the right-hand side of her neck to identify her as infected.

Blood testing intervals will differ and initially cattle may be tested every 1 to 3 months until the first negative herd test is achieved in the quarantined herd. After that, testing may be done only every 3 months until 3 negative blood tests with 3 monthly intervals have been achieved. Thereafter a blood test is repeated after 6 months and if that is negative, another test is repeated after 12 months before a herd can be declared negative for the disease and quarantine lifted. However, if at any stage during this process a herd test comes back positive (even it is 1/1000 cattle) the increased testing intervals of 1 to 3 months will again be implemented and the regimen starts from the beginning. This testing regimen is used to take the very variable incubation period into consideration, as well as potentially latent carriers. If this is not done, a “**two year breakdown**” is often encountered when brucellosis is diagnosed within the herd. This is especially true when heifer calves born from infected cows are not removed from the herd.

With the frequency of testing involved in the eradication of brucellosis, it is very important that **handling facilities** (crushes, raceways and holding pens) are well built and maintained, that the animals are **permanently and individually identified** and that infected (positive) animals are sent to **slaughter** as soon as possible to remove the source of infection on the farm.

When buying cattle 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
11	To the best of my knowledge, my immediate neighbours and farms in my area are free of Bovine Brucellosis		Yes	No
12	I use a veterinarian to advise me on my cattle's herd health		Yes	No
13	The cattle handling facilities on my farm are	Poor	Average	Good

Note: Vaccination does not mean freedom from Bovine Brucellosis as cattle can still be carriers
Please attach the most recent *Brucella* blood test certificate

Owner or authorised representative:

Signature:

Date:

**** * Biosecurity**

Poor – speculates with cattle, does not vaccinate, poor fences, cattle come into contact with other cattle

Medium – Vaccinates heifers, does not buy in cattle of unknown health status

Good – closed herd/never buys in cattle, vaccinates heifers and no contact with other cattle, follows a herd health plan as advised by his veterinarian, does not allow transport trucks onto property, washes and disinfects truck after returning from the abattoir or auction grounds.

Compiled by: Dr. Sewellyn Davey, Chairman of the Brucellosis Steering committee of the National Animal Health Forum

OVINE JOHNE'S DISEASE VENDOR DECLARATION

ON THE SALE OF SHEEP

(Updated Draft May 2015)

- | | | | |
|--|--|-----|----|
| 1. I hereby declare that I am the owner or authorised representative of the sheep on sale and am competent to make this declaration. | <table border="1"><tr><td>YES</td><td>NO</td></tr></table> | YES | NO |
| YES | NO | | |
| 2. The sheep for sale are clearly identified in the accompanying description. | <table border="1"><tr><td>YES</td><td>NO</td></tr></table> | YES | NO |
| YES | NO | | |
| 3. The sheep for sale were born on my farm. | <table border="1"><tr><td>YES</td><td>NO</td></tr></table> | YES | NO |
| YES | NO | | |
| 4. The farm has a closed flock policy. (No live sheep are brought onto the farm from elsewhere) | <table border="1"><tr><td>YES</td><td>NO</td></tr></table> | YES | NO |
| YES | NO | | |
| 5. I know the signs of the disease and to the best of my knowledge, all of my properties are free of cases of Ovine Johne's Disease. | <table border="1"><tr><td>YES</td><td>NO</td></tr></table> | YES | NO |
| YES | NO | | |
| 6. I have actively looked for Ovine Johne's Disease and have had tests done for this. | <table border="1"><tr><td>YES</td><td>NO</td></tr></table> | YES | NO |
| YES | NO | | |
| 7. To the best of my knowledge, my immediate neighbours and farms in my magisterial district of my farm(s) are free of cases of Ovine Johne's Disease. | <table border="1"><tr><td>YES</td><td>NO</td></tr></table> | YES | NO |
| YES | NO | | |

- | | | | |
|--|--|-----|-------|
| 8. The sheep on my properties have been vaccinated against Ovine Johne's Disease and are clearly marked with the approved ear tag. | <table border="1"><tr><td>YES</td><td>NO</td></tr></table> | YES | NO |
| YES | NO | | |
| 9. All lambs born are vaccinated | <table border="1"><tr><td>YES</td><td>NO</td></tr></table> | YES | NO |
| YES | NO | | |
| 10. If vaccinated, the number of years that the vaccinations have been done is | <table border="1"><tr><td></td><td>years</td></tr></table> | | years |
| | years | | |

NOTE: Vaccination does not mean freedom from OJD, vaccinated animals can still be carriers.

Statement 8 and 9 apply only to already infected flocks, and such sheep can only be sold to other infected flocks by law.

Buyers should consult their veterinary advisor before any purchases.

Signature _____

Date _____

NAME _____

Farm: _____

District: _____

OWNER OR AUTHORIZED
REPRESENTATIVE

The use of this declaration is supported by the following organisations:



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YN PRETORIA



RUVASA
Rural Veterinary Association of South Africa



SOP for the control of Bovine Brucellosis

Audit date: _____

Authorised person: _____

		Y/N	Comment
1	Fences and gates in good condition		
2	Gate control - log in		
3	Disinfection of vehicles coming onto the farm		
4	Protective clothing and boots given to people visiting the farm (cattle area) coming from high risk areas eg. veterinarians, nutritionists, representatives, truck drivers, workers, etc.		
5	Sterilizing equipment coming in contact with cattle		
6	Run off water/ streams from neighbouring farms		
7	All animals identified with a brand mark and ear tag		
8	Data base of all animals		
9	Closed herd		
10	When last were animals bought in or moved from another farm?		
11	Only buy in animals from a farm which has a recent negative tested brucellosis herd certificate		
12	Origin(s) of acquired cattle? Bought at an auction?		
13	Keep heifers separate from herd until they have calved and tested negative for brucellosis		
14	Quarantine camp available		
15	Separate calving camps		
16	Were all heifers vaccinated between 4 and 8 months vaccinated with Strain 19 or RB51?		
17	Any cattle vaccinated with Strain 19 over 8 months of age? History over last few years.		
18	Were there any abortions on the farm – samples taken, diagnosis?		
19	All sexually mature cattle in herd tested for bovine brucellosis (provide proof)		

20	Bovine brucellosis is a State controlled disease. Positive cattle are branded with a C on the right side of the neck.		
21	Isolation of infected animals & separate handling facilities		
22	Prohibition of movement of animals off quarantined property except under cover of a Red cross permit for slaughter at an abattoir		
23	Prohibition of use and on-farm disposal of unboiled, unpasteurised or unsterilised milk on quarantined property		
24	Disinfection of places where infection is a possibility.		
25	Neighbours/ recent buyers informed of infected herd status		
26	Fly, crow and predator control		
27	Destruction of afterbirths/abortions in a responsible manner		
28	Beware of livestock, game interface		

Websites that are there to help you with information regarding animal health:

National Animal Health Forum

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/>

Rural Veterinary Association of South Africa

www.ruvasa.co.za

Click on **Disease reporting** where maps and information can be sourced on the prevalence of diseases in all provinces. Abattoir reports are available. Use the information available to update management programmes

Landbouweekblad's webpage

www.landbou.com

[Vra vir Faffa](#)

Click on: **Indeks van antwoorde** where more than 4 000 answers can be sourced on animal health.

Click on Beeste

Click on Siektes

Click on Brusellose

Stop Brusellose

Gevaar om Beesbrusellose (BBR) deur vendusies en skoue te versprei

Rapportering aan bure of ander eienaars oor die voorkoms van brusellose

Inligting oor brusellose op die NAHF se webblad

Kuddebestuur voor die dekseisoen

Bees Brusellose handleiding

Teenliggaamwaardes om beesbrusellose in koeie te bepaal

Veterinêre Strategie 2016 -2026

'n Dosyn dinge wat jy moet weet van beesbrusellose

Vyf kernfeite wat jy van beesbrusellose (Besmetlike misgeboorte – BM) behoort te weet

Veiligheid van vleis en biltong afkomstig van 'n bees met brusellose

Vervoer van diere uit 'n positiewe brusellose kudde

Beheer van brusellose in 'n beeskudde

Boerderypraktyke wat die gevaar van die voorkoms van brusellose verhoog

[illegible]

Resistant roundworms	x				x				
Wireworm	x	x			x	x	x	x	
Brown stomach-worm							x		
Long-necked bankruptworm									
Large-mouthed bowelworm									
Nodularworm									x
Lungworm									
Eyeworm			x	x	x		x		
<i>Parafilaria</i>		x				x			
Tapeworms	x	x	x	x	x	x	x		x
Liver fluke	x	x	x	x				x	
Conical fluke	x				x	x	x	x	
Cysticercosis (measles)	x		x					x	
Schistosomiasis (bilharzia)									
Coccidiosis	x	x		x	x	x	x	x	x
Cryptosporidiosis	x			x	x	x	x	x	

Early rain fell in many parts of South Africa. Use the five point check to keep on top of what is happening in the flock. For further detail contact your local veterinarian.

<http://hulp.landbou.com/kundiges/vra-vir-faffa/vyfpuntplan-en-famacha-stelsel-vir-inwendige-parasietbestuur-in-skape/>

https://docs.wixstatic.com/ugd/aded98_cb447e77eef6450f93a2b23cb0e6b9de.pdf

Prevention of Cryptosporidiosis

Since there is no vaccine or registered treatment for *Cryptosporidium*, prevention is the best control method. Animals with a good immune system will generally easily overcome *Cryptosporidium*, thus this must be the main aim in controlling *Cryptosporidium*. A consistent, vet approved and farm appropriate vaccination program for other diseases.

- Ensure no nutritional deficiencies especially vitamin A and Selenium
- Excellent bio-security
- Ensure clean water sources

External parasites

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

[illegible]

Nasal bot		x			x	x			x
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Blue tick infestations were reported from most provinces. Blue ticks (African and Asiatic blue ticks) are able to transmit red water, anaplasmosis and lumpy skin disease.

Make sure to assess the blue tick resistance status on your farm before buying tickicides. Your veterinarian will be able to collect engorged blue ticks to be tested for resistance.

Actives to be tested for resistance are: organophosphates, pyrethroids, amidines, fipronil. Actives registered only for controlling blue ticks are: macrocyclic lactones, fluazuron (acaricide growth regulator).

Discuss your tick control programme with your veterinarian as controlling ticks early in spring can prevent large outbreaks of ticks in the summer.

Below is a list of diseases transmitted by ticks.

Tick borne diseases

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

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

Asiatic red water is spreading and is one of the deadliest diseases in cattle.

Numerous mortalities were reported!

The keyword is **vaccinate** your animals! Contact your veterinarian.

Anaplasmosis outbreaks were reported in 5 provinces. Biting flies are probably the main spreader of this disease!

The following tick toxicosis was reported by practices in the provinces:

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

This disease is caused by the toxin of the bont legged-tick.

Insect transmittable diseases

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

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

As soon as insect populations increase with warmer weather conditions, **unvaccinated** animals with a lack of immunity to insect transmittable diseases, will be the target of these diseases.

Have you vaccinated your animals against Rift Valley Fever?

From experience I can tell you that when outbreaks of diseases occur, vaccines will be difficult to acquire as many people will be ordering vaccines all at once.

Venerial diseases

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

[illegible]

Jaagsiekte									
Orf	x	x		x	x	x	x	x	x
Warts	x	x		x	x	x		x	x

Gifblaar	x	x							
Gousiekte									
<i>Cestrum</i> (ink berry)					x		x		
Tulip	x	x		x	x	x	x	x	
<i>Cynanchum</i> (bobbejaantou)								x	
Facial eczema								x	
<i>Lantana</i>	x			x		x	x		
Prussic acid								x	
<i>Acacia nilotica</i>		x							
<i>Senecio</i>						x	x		
<i>Cotula nigellifolia</i> (stagger wood)									
Geeldikkop (duwweltjies) and dikoor									
Vermeersiekte	x								
<i>Hertia pallens</i> (Nenta, krimpsiekte)									
<i>Chrysocoma ciliata</i> (bitterbos)									
<i>Solanum incanum</i> (maldronksiekte)									
<i>Gomphocarpus (Asclepias) fruticosus</i> (milkweed)									
Bracken fern									
January bush (<i>Gnidia polycephalatus</i>)									
Chinkerinchee								x	
Ceylons rose									
Eucalyptus (bloekom) bark									
Kikuyu									
Ryegrass						x		x	

Monensin									
Hypo								x	
Diazinon									
Glyphosate					x				
Chicken litter									

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

Do have activated charcoal on the farm as the antidote for tulip poisoning! **Seven provinces reported tulip toxicity!**

Toxic plants are sometimes eaten by young animals that do not know these plants. Be aware of this situation and know where these plants are growing on the farm.

For further information on treatment of tulip and other toxicities visit:

www.landbou.com

Vra vir Faffa

Klik op Indeks van antwoorde

Klik op Beeste of Skape

Klik op Vergiftigings

Klik op die Opskrifte

Every month there are reports of urea poisoning. Be aware when feeding this product that the correct concentration is used and that the lick does not get wet!

A few cases of Lantana-poisoning were reported.

Research are being done to control Lantana:

We would like to investigate involvement of your readers and yourself in the development of a National Programme for Management of Lantana similar to the attached National Programme for Management of Parthenium. Our focus would be on the biological control of the species, however, farmers, landowners and communities would be interested in an integrated approach to the management of the species. Please do bear in mind that the rust-fungus will unfortunately not be a 'silver-bullet' as it is likely to impact some subspecies more than others and work better in some micro-climates than others..

Please can we consider how your readers would be able to contribute to the development of a National Programme? One element would be accurate mapping of the distribution of Lantana. If readers could be encouraged to report locations of Lantana then a more comprehensive map of its distribution would be feasible (we need to make sure that this is done in a co-ordinated fashion and using technology that allows for accuracy and ease of data collection (smart phone application to geographically referenced database – which would need to be set up and managed).

Encouraging readers to give input into a National Programme would result in greater support for its implementation. We would need to make sure that this is not too tedious a process.

Encouraging readers to be aware of the biological control agents that are out there already would also be useful. Again this could be reported using photographs and submitting these to a central database.

It would also be good if we could have landowners who would be willing to have 'biological control reserves' on their property. This would mean setting aside land that is infested by Lantana and ensuring that it is not cleared for any reason. The biological control agents would then be allowed to multiply in this area under the 'protection' of the landowner.

I write on behalf of Biological Control researchers at the Agricultural Research Council – Plant Protection Research Institute and at the Centre for Biological Control at Rhodes University.

<http://www.ru.ac.za/centreforbiologicalcontrol/>

Philip Ivey [<mailto:P.Ivey@ru.ac.za>]

Nutritional deficiencies

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

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

Nutritional deficiencies were reported. It is important that ewes and cows receive sufficient supplementation so as to have optimal colostrum quality for their offspring!

Micro-nutritional and vitamin deficiencies

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

[illegible]

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.

Selenium is a powerful anti-oxidant and necessary for immunity. Check the status of the herd.

Beware of fluoride poisoning as borehole water levels drop.

Supplement animals with vitamin A during winter and drought conditions.

Multifactorial diseases and other conditions

The following conditions were reported by practices in the provinces

[illegible]

[illegible]

Vaginal prolaps	x	x	x	x	x	x	x	x	
Penis injury									
Orchitis									

A poor conception rate on many farms is a huge issue. Visit your veterinarian to rectify this problem.

Environmental conditions

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

Other conditions

	MP	G	L	NW	FS	KZN	EC	WC	NC
Drug residues (milk, meat, liver, kidney etc)									
Preditors		x			x	x	x	x	
Theft					x	x			
Trauma (fractures etc)	x	x	x		x		x	x	
Trauma (veldfires)	x				x				

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.

Practices that had nothing to report

Cape Town – Sophette Gers

Mokopane – Dr. Alwyn Venter (SV)

Stutterheim – Dr. Dave Waterman

Tulbagh – Dr. Dirk Trigaardt

Vaalwater – Dr. Annemieke Müller

Vanderbijlpark – Dr. Kobus Kok

Ostriches

Western Cape

Oudtshoorn

Yolk sack infection	Start of the new season, acute mortalities (low incidence). Septicaemia/ toxaemia, <i>E. coli</i>
Diarrhoea	Starts with overgrowth of normal bacteria following a trigger stress situation. If treated too late or with hard antibiotics, rapidly develop chronic diarrhoea, due to resistant <i>E. coli</i> . Prognosis poor.
Avian influenza	High prevalence of wild bird interactions following short good rains – mostly pastures. Spuiwing geese, Egyptian geese and blue cranes. Not H5 or H7. Seems like a H6 and H9. Cold weather with stress increases susceptibility.
Eye and lung infection	Cold stress weather/ wind, dust confinement to protect birds from poor weather results in air sacculitis and conjunctivitis (with low vitamin A and E during winter contributes)
Clostridial enterotoxaemia	Changing weather results in over eating after bad spell causing clostridial overgrowth.

Low conception	High % infertile/ high male ration with severe climatic fluctuations 40 degrees Celsius for week, drop to 14 degrees Celsius results in many early embryo deaths.
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Equines

Limpopo

Makhado

African Horse sickness – 3 cases

Modimolle

Fever – Unknown origin, improved after treatment

Urethra obstruction – caused by miasis (fly larvae)

Free State

Bethlehem

Colic - 2

Dewetsdorp

Internal parasites – 3 foals

Parys

Ophthalmia - 3

Western Cape

Darling

Midges – 1

Nuisance flies - 1

Game

Gauteng

Pretoria

Bont tick – 2

Blackquarter – 1

Coccidiosis – 1

Lameness – 1

Ophthalmia – 2 *Moraxella*

Limpopo

Makhado

Red gut – 1 Roan

Bela-bela

Anaemia – 1 Sable died, probably wireworm

Snare – 1 Nyala, snare around neck

Hair loss (mites?) – 9 Sable out of one camp. Antiparasitic treatment given and minerals in water trough. Recovered, only one small buck still with hairloss.

Enteritis – 1 Waterbuck bull. Bloody from anus. Died, at necropsy severe enteritis. Only 2 days on farm.

North West

Klerksdorp

Bont-legged ticks - 3

Lichtenburg

Rabies – Two jackals

Swine

Gauteng

Pretoria

Fractures – 1

Biting lice – 1

KwaZulu-Natal

Bergville

Intestinal roundworms - 2

Monthly report on Livestock and Wildlife isolations for October 2018 from Vetdiagnostix –Microbiology Laboratory, supplied by dr. Marijke Henton (henton@vetdx.co.za)

October was a relatively quiet month.

Clostridial myositis cases differed somewhat from the usual this month. There were three cases of *Clostridium chauvoei* and no other cases. Because most farmers vaccinate against *C. chauvoei* even if they neglect other vaccinations, it is rare to receive exclusively *C. chauvoei* samples.

There is a prevalent misconception that the FA test also detects *Clostridium perfringens*. *C. perfringens* can sometimes also cause myositis, but it is rare. The FA test is for muscle samples, not for intestinal samples.

An unusual case of myositis and ventral oedema in goats was negative on the FA test, but was due to the vaccine strain of anthrax. It is difficult to clear multidose injectors of vaccine spores. Spores survive most cleaning procedures. This is not a problem for most of our farm animals, as a few extra vaccine spores just boost their immunity. Goats are exquisitely sensitive to the anthrax vaccine strain, and if some spores are present, particularly when an oily preparation is being administered, goats show marked oedema near the site of vaccination, which can result in death. The oil or other components act as adjuvants, exacerbating the reaction.

Salmonella Dublin was isolated from two outbreaks in cattle, where vaccination was not done. Cattle can carry *Salmonella* Dublin all their lives, and only excrete it from time to time, making it difficult to detect. The carrier animals act as a source of infection.

Other bovine infections were pneumonia [*Mannheimia haemolytica*, *Pasteurella multocida* and two cases of *Trueperella pyogenes*]. *Trueperella pyogenes* was also associated with two cases of abortion and one of abscessation. *Brucella abortus* was isolated from a foetus originating from a speculator's farm.

Enteritis was associated with *E. coli* [calves 17, lambs 2] and *Cryptosporidium* [4 calves]. Bovine *Clostridium perfringens* enteritis was present on two farms.

Pneumonia in pigs was due to *Actinobacillus pleuropneumoniae* in two cases, one of which typed as type 2, as well as one case each of *Bordetella bronchiseptica*, *Staphylococcus aureus*, *Klebsiella pneumoniae* and *Streptococcus suis*. *E. coli* was associated with enteritis [2] and septicaemia [1]. *Streptococcus porcinus* was isolated from a case of vaginitis.

Wildlife isolates were *Streptococcus canis* from a cheetah's nasal discharge, and osteomyelitis after a wound infection in a rhino yielded combined *Trueperella pyogenes* and the anaerobe, *Porphyromonas*.

Maryke Henton, Vetdiagnostix.

Feedlot report received from Drs. Shaun Morris and Eben du Preez for October 2018 (edupreez1@telkomsa.net)

Condition	Comments and Specie
Intestinal roundworms	O 3, C 3
Tapeworms	O 2
Liver fluke	B 3
<i>Parafilaria</i>	B 3
Cysticercosis (measles)	B 3
Blue ticks	B 3
Heartwater tick	B 1
Brown ear-tick	B 3
Heartwater tick	B 3
Bont- legged tick	B 3

Red-legged tick	B3, O 3
Biting lice	B 2
Blow flies	O 2
Asiatic red water	B 2
Anaplasmosis	B 3
Heartwater	B 2, C 1
Lumpy skin disease	B 3
Blackleg	B 1
Swelled head	B2, O 1
Red gut	B 3
Blood gut	O 3
Pulpy kidney	O 3
Salmonellosis	B 1
<i>E . coli</i>	B 3,O 3
Coccidiosis	O 1
Cryptosporidiosis	B 3, O 2
Ringworm	B 3
IBR	B 1
Warts	B 3
Protein deficiency	B 3
Energy deficiency	B3, O 3
Phosphate deficiency	B 3
Selenium	O 1
Vitamin A deficiency	B 3, O 3

Inkberry poisoning	B 3
Dystocia	B 2
Retained afterbirths	B 1
Abscesses	B 3, O 3
Eye infection	B 3, O 3
Lameness	B 3
Lungs	B3, O 3
Diarrhoea	B 3, O 3
Pericarditis	B 3, O 1
Trauma	B 3, O 3
Heat stroke	B 2
Farmers reporting	Acidosis B3 Urolithiasis 2 Bulls, 2 rams

Feedlot report received from Dr. Andy Hentzen October 2018
andyvet@mweb.co.za

Condition	Comments and Specie
Tapeworms	B 3
Liver fluke	B 3
Conical fluke	B 1
<i>Parafilaria</i>	B 2
Cysticercosis (measles)	B 2

Blue ticks	B 2
Red-legged tick	B 2
Biting lice	B 2
Sucking lice	B 2
Blow flies	B 1
African red water	B 1
Anaplasmosis	B 1
Red gut	B 3
Leptospirosis	B 1
<i>E . coli</i>	B 1
Ringworm	B 3
IBR	B 3
BVD	B 2
EBL	B 1
Warts	B 3
Tulip toxicity	B 2
Water contamination	B 3
Protein deficiency	B 3
Energy deficiency	B 3
Micro-mineral deficiencies	B 3
Abortion	B 3
Dystocia	B 3
Mastitis	B 1
Eye infection	B 3

Lameness	B 3
Lungs	B 3
Abscesses	B , C 3
Diarrhoea	B 3

Monthly report for October 2018 from Dr R D Last (BVSc; M.Med.Vet(Path); MRCVS)

Specialist Veterinary Pathologist, Vetdiagnostix - Veterinary Pathology Services

LIVESTOCK DISEASE SURVEILANCE			
LIVESTOCK SPECIES	DISEASE AGENT	NO. CASES	LOCATION
Bovine, Heifer Calf	Cotula (Matricaria) nigellifolia - Stootsiekte	1	Howick, KZN
Bovine, Jersey Cow 7 yrs	Retrobulbar lymphoma - EBL	1	Underberg, KZN
Bovine, Feedlot Weaner	Sporadic Bovine Leukosis	1	Heidelberg, Gauteng

WILDLIFE DISEASE SURVEILANCE			
WILDLIFE SPECIES	DISEASE AGENT	NO. CASES	LOCATION
Lion, Adult Male	Cholangiocellular carcinoma + pulmonary metastasis	1	Rustenburg, North West
Buffalo, Adult Cow	Babesiosis	1	Hoedspruit, Limpopo
Sable, Adult Bull	Babesiosis	1	Thabazimbi, Limpopo
Zebra, Adults	Transport tetany	1	Kenya
Buffalo, Adult cow	Fibropapilloma (saroid)	1	Thabazimbi, Limpopo
White Rhino, Adult Female	Heartpluck (visceral) clostridial myositis	1	Krugersdorp, Gauteng
Mangabey Monkey, Adult	Hepatic echinococcosis	1	Lammermoor, Gauteng

**Monthly report on Livestock and Wildlife isolations for October 2018 from
IDEXX Laboratories supplied by dr. Liza du Plessis (Liza-DuPlessis@idexx.com)**

Condition	Comments and Specie
Blue ticks	E 1
Bont tick	B, G 1
Brown ear ticks	E 1
Red -legged ticks	E 1
Black leg	B 1
Salmonellosis	B, G 1
Coccidiosis	O 1
Cryptosporidiosis	O 1
Bacterial enteritis (diarrhoea)	B, O 1
Bovine malignant catharr (snotsiekte)	B 2
IBR	B 3
Equine sarcoid	E 1
Navell ill	B 2
Lungs	B 1
Abortion	B 3, O 1, C 1
Tulip toxicity	B 2
Senecio toxicity	O 1



Section of Pathology
Department of Paraclinical Sciences
Faculty of Veterinary Science

1st November 2018

DAFF

Import/Export Policy Unit Subdirector

Monthly report: Faculty of Veterinary Science cases

Cases sent to referring veterinarians between 2nd October and 1st November 2018

Cases from State vet Skukuza or Orpen

Cases imported with master permit (none)

PMDate	Species	Final	Histo No
19-Sep-18	Hippopotamus	Normal tissues (TB monitoring)	S3236-18
19-Sep-18	African Elephant	Suspected tuberculosis	S3237-18
20-Sep-18	African buffalo	Water deprivation	S3240-18
25-Sep-18	Lion	Subcutaneous fibrolipoma	S3303-18
27-Sep-18	Cheetah	Suspected lead toxicity	S3364-18
03-Oct-18	African Elephant	Normal tissues (TB monitoring)	S3390-18
03-Oct-18	Hippopotamus	Normal tissues (TB monitoring)	S3391-18
05-Oct-18	Lion	Granulosa cell tumours, leiomyomas, cystic endometrial hyperplasia	S3435-18

Kind regards,

A handwritten signature in purple ink that reads 'Emily Mitchell'.

Prof. Emily Mitchell

DISEASE DISTRIBUTION REPORT AS REPORTED BY VETERINARIANS

Table of Contents

<u>Internal Parasites</u>	Roundworms in general , Resistant Round Worms , Wireworm , Brown stomach-worm , Nodular worm , Eye worm (<i>Thelazia rhodesii</i>) , Tape Worms , Parafilaria , Liver fluke , Conical Flukes , Cysticercosis
<u>External Parasites</u>	Blue ticks , Resistant blue Ticks , Heartwater (Bont) ticks , Brown ear-ticks , Bont-legged ticks , Red-legged ticks , Paralysis ticks , Biting lice (red lice) , Sucking lice (blue lice) , Scab mites , Mange Mites , Nuisance Flies , Blowflies , Screw-worm , Nasal bot larvae , Midges , Mosquitoes , Other , Itch mite
<u>Tick-borne Diseases</u>	African red water , Asiatic red water , Anaplasmosis , Heartwater , Sweating Sickness , Theileriosis
<u>Insect Transmittable Diseases</u>	Lumpy skin disease , Three-day-stiffsickness , Blue tongue , Nagana
<u>Venereal Diseases</u>	Trichomonosis , Vibriosis , Pizzle disease
<u>Bacterial Disease (other)</u>	Blackquarter , Botulism , Pulpy Kidney , Lamb dysentery , Swelled head disease , Red gut (cattle) , Blood gut (Sheep) , Tetanus , Salmonellosis , Brucella abortus , Brucella ovis , Johne`s disease , Leptospirosis , Septicaemia , E.coli , Enzootic Abortion , Dermatophilosis (Lumpy Wool) , Intrauterine Gangrene , Bovine Dermatophilosis (Senkobo disease) , Fusibacterium necrophorum , Listeriosis , Other
<u>Protozoal diseases (other)</u>	Besnoitiosis , Coccidiosis , Cryptosporidium
<u>Fungal diseases</u>	Ringworm
<u>Viral Diseases (other)</u>	BMC , Rabies , BVD (Bovine viral diarrhoea) , IBR (Infectious bovine rhinotracheitis) , Enzootic Bovine Leucosis (EBL) , Orf , Warts , Rota virus , Corona Virus , Other viral disease not listed
<u>Poisonings (Plant) and Fungal</u>	Cardiac glycoside poisoning , Cestrum , Cynanchum poisoning , Facial eczema , Gifblaar , Lantana , Nitrate poisoning , Prussic acid poisoning , Rye grass poisoning , Seneciosis , Tulip Poisoning , Vermeersiekte (<i>Gaigeria</i> spp.) , Mycotoxycosis , Diplodiosis , Other
<u>Poisonings</u>	Water contamination , Urea Poisoning , Snake Bite , Hypo , Blue-green algae , Copper Poisoning , Chemical products , Other
<u>Macro Nutritional Problems</u>	Energy deficiency , Protein deficiency , Phosphate deficiency , Calcium deficiency

<u>Micro Nutritional Problems</u>	Iodine deficiency , Zinc deficiency , Selenium deficiency , Magnesium deficiency , Manganese deficiency , Vitamin A deficiency , Vitamin B deficiency
<u>Multi-factorial Disease Conditions</u>	Abortions , Stillbirths , Abscesses , Abscesses in general , Bladder stones , Blindness , Bloat , Blood gut (sheep and goat) , Blue udder , Diarrhoea , Epididymitis , Eye Cancer , Eye infections , Joint Ill , Lameness/Foot Problems , Lung infection , Mastitis in general , Navel Ill , Redgut (Sheep) , Trauma , Downer , Traumatic Reticulo-pericarditis , Other
<u>Metabolic Diseases</u>	Acidosis , Displaced abomasum , Ketosis , Milk Fever
<u>Reproductive diseases</u>	Dystocia (Difficult Births) , Endometritis , Metritis , Poor conception , Retained afterbirth , Sheath Prolaps , Uterus prolaps , Vaginal (Cervical) prolaps
<u>Climatical Cause</u>	Cold exposure , Drought , Heat stress , Lightning , Frozen to death
<u>Non specific diseases</u>	Preditors , Sabotation - Theft , Trauma , Veld fires

Internal Parasites

Roundworms in general

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.4 (5)	2.0 (2)	2.3 (3)	1.0 (1)	2.4 (8)	1.8 (8)	1.8 (5)	1.8 (5)	1.6 (5)

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

Beef	1.0 (1)					1.7 (3)		1.0 (1)	
Sheep	1.5 (2)	2.0 (2)	2.5 (2)	1.0 (1)	2.4 (8)	2.0 (2)	1.8 (4)	2.0 (4)	1.3 (3)
Goat	1.5 (2)		2.0 (1)			1.7 (3)	2.0 (1)		2.0 (2)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Sheep: 1, Goat: 1

Nelspruit, Nelspruit Animal Hospital

Goat: 2

Standerton, Econovet

Sheep: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 2

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Limpopo

Makhado, Blouberg Dierekliniek

Sheep: 3

Eight cases

Polokwane, Pietersburg Veterinary Clinic

Sheep: 2, Goat: 2

North West

Klerksdorp, Klerksdorp Dierehospitaal

Sheep: 1

Free State

Bloemfontein, Dr Stephan Wessels

Sheep: 3

Ficksburg, Oosvrystaat Diere Produkte

Sheep: 2

Gariepdam, Gariep Dierekliniek

Sheep: 3

High parasite burden

Hertzogville, Hertzogville Dierekliniek

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2, Goat: 2

Dundee, Endumeni Herd health

Sheep: 2

Estcourt, Estcourt Vet Clinic

Beef: 1, Goat: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic

Sheep: 2, Goat: 2

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2

Queenstown, Queenstown Veterinary clinic

Sheep: 2

Uitenhage, Uitenhage Dierehospitaal

Sheep: 1

Western Cape

Caledon, Overberg Veterinary Hospital

Sheep: 1

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 3

Moorreesburg, Tygerberg mooreesburg

Sheep: 3

Riversdale, Riversdal Dierekliniek

Sheep: 1

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Northern Cape

Kimberley, Kimberley Dierekliniek

Sheep: 1

Kuruman, Kuruman Dierekliniek

Sheep: 2, Goat: 2

Postmasburg, Postmasburg Dierekliniek

Sheep: 1, Goat: 2

Resistant Round Worms



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

Sheep	1.0 (1)				3.0 (2)				
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Mpumalanga

Balfour, Balfour Dierekliniek

Sheep: 1

Free State

Bloemfontein, Dr Stephan Wessels

Sheep: 3

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Wireworm



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (5)	2.2 (6)	1.0 (1)		1.9 (7)	2.0 (2)	1.0 (2)	2.3 (3)	

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

Sheep	2.0 (4)	2.3 (3)	1.0 (1)		1.9 (7)	2.0 (2)	1.0 (1)	2.3 (3)	
Goat	2.0 (1)	2.0 (3)					1.0 (1)		

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 1

Lydenburg, Longtom Dierekliniek

Sheep: 3

Nelspruit, Nelspruit Animal Hospital

Goat: 2

Standerton, Econovet

Sheep: 2

Volksrust, Cape Cross Volksrust Dierehospitaal

Sheep: 2

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 3, Goat: 3

Hammanskraal, Themba Animal Clinic

Sheep: 1, Goat: 2

Nigel, Welgelegen Dierekliniek

Sheep: 3

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Goat: 1

Limpopo**Modimolle, Kranskop Dierekliniek**

Sheep: 1

Wireworm outbreak in one herd

Free State**Bultfontein, Greylingrust Dieresprekkamer**

Sheep: 1

Hertzogville, Hertzogville Dierekliniek

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Reitz, Riemland Dierehospitaal

Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Vrede, Saulshoek Direpraktyk

Sheep: 2

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

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

Sheep: 2

Pietermaritzburg, Veterinary House Hospital

Sheep: 2

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

Sheep: 1, Goat: 1

Western Cape**George, George Animal Hospital**

Sheep: 3

Malmesbury, Malmesbury Dierehospitaal

Sheep: 3

Riversdale, Riversdal Dierekliniek

Sheep: 1

Brown stomach-worm

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, Camdeboo Veterinary Clinic**

Goat: 2

Nodular worm									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average									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									
Sheep									3.0 (1)
Goat									3.0 (1)
Northern Cape									
Kuruman, Kuruman Dierekliniek									
Sheep: 3, Goat: 3									
Eye worm (<i>Thelazia rhodesii</i>)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			1.0 (2)	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									
Beef			1.0 (1)	2.0 (1)			1.0 (1)		
Sheep					2.0 (1)				
Goat			1.0 (1)						
Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 1, Goat: 1									
North West									
Vryburg, Vryburg Dierehospitaal									
Beef: 2									
Free State									
Philippolis, Rowelsfontein veearts Spreekkamer									
Sheep: 2									
Not confirmed but suspect <i>Thelazia</i> (eye worm)infestation.									
Eastern Cape									
Aliwal North, Hertzogbrug Dierekliniek									
Beef: 1									
Tape Worms									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape

Average	1.0 (3)	2.0 (1)	1.0 (1)	2.0 (1)	2.2 (5)	2.0 (2)	1.0 (1)		2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef						2.0 (1)			
Sheep	1.0 (3)	2.0 (1)	1.0 (1)	2.0 (1)	2.2 (5)	2.0 (1)			
Goat							1.0 (1)		2.0 (1)
Mpumalanga									
Balfour, Balfour Dierekliniek									
Sheep: 1									
Bethal, Bethal Dierekliniek									
Sheep: 1									
Volksrust, Cape Cross Volksrust Dierehospitaal									
Sheep: 1									
Gauteng									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 2									
Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Sheep: 1									
North West									
Christiana, Christiana Dierehospitaal									
Sheep: 2									
Free State									
Bloemfontein, Dr Stephan Wessels									
Sheep: 3									
Clocolan, Clocolan Dierekliniek									
Sheep: 2									
Reitz, Riemland Dierehospitaal									
Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Vrede, Saulshoek Direpraktik									
Sheep: 2									
Kwazulu-Natal									
Pietermaritzburg, Veterinary House Hospital									
Beef: 2									
Calves									
Sheep: 2									
Lambs									
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Goat: 1									
Northern Cape									
Postmasburg, Postmasburg Dierekliniek									
Goat: 2									
Parafilaria									^

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

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

Beef		1.0 (1)				1.5 (2)			
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Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 1

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Liver fluke



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

Beef	1.0 (1)		1.0 (1)	2.0 (1)				2.0 (3)	
Dairy								3.0 (1)	
Goat		1.0 (1)							

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 1

Animals purchased on eastern Highveld

Gauteng

Hammanskraal, Themba Animal Clinic

Goat: 1

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 1

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Western Cape

Caledon, Overberg Veterinary Hospital

Beef: 1

George, George Animal Hospital

Beef: 3, Dairy: 3

Malmesbury, Malmesbury Dierehospitaal

Beef: 2

Conical Flukes



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

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Free State

Ficksburg, Oosvrystaat Diere Produkte

Sheep: 1

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Dairy: 1

Underberg, Underberg Veterinary Surgery

Beef: 2

Eastern Cape

Aliwal North, Hertzogbrug Dierekliniek

Sheep: 1

Western Cape

Caledon, Overberg Veterinary Hospital

Dairy: 1

Cysticercosis

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

Beef	3.0 (1)		1.0 (1)					1.0 (1)	
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Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Limpopo

Mokopane, Dr Henk Visser

Beef: 1

Western Cape

George, George Animal Hospital

Beef: 1

External Parasites

Blue ticks

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (3)		1.5 (4)	2.0 (4)	2.4 (7)	2.0 (10)	1.7 (3)	2.3 (6)	

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 (3)		2.0 (2)	2.3 (3)	2.3 (6)	2.0 (8)	1.7 (3)	2.7 (3)	
Dairy								2.0 (2)	
Sheep			1.0 (1)	1.0 (1)	3.0 (1)	2.0 (1)		2.0 (1)	
Goat			1.0 (1)			2.0 (1)			

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Standerton, Econovet

Beef: 2

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3

Polokwane, Pietersburg Veterinary Clinic

Beef: 1, Sheep: 1, Goat: 1

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 1, Sheep: 1

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 2

Frankfort, Frankfort Dierekliniek

Beef: 3

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Ladybrand, Ladybrand Dierekliniek

Beef: 3

Memel, Memel Veterinary Clinic

Beef: 1

Vrede, Saulshoek Direpraktyk

Beef: 2

Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 3									
Bergville, Tugela Vet Clinic									
Beef: 2, Sheep: 2, Goat: 2									
Dundee, Endumeni Herd health									
Beef: 2									
Kokstad, E.G.Veterinary Services									
Beef: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Pietermaritzburg, Veterinary House Hospital									
Beef: 2									
Ticks stayed on throughout Winter									
Pongola, Pongola Animal Clinic									
Beef: 1									
Underberg, Underberg Veterinary Surgery									
Beef: 2									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 1									
Aliwal North, Hertzogbrug Dierekliniek									
Beef: 2									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Beef: 2									
Western Cape									
Darling, Tygerberg Dierehospitaal Darling									
Beef: 2, Sheep: 2									
George, George Animal Hospital									
Beef: 3, Dairy: 3									
Malmesbury, Dr Otto Kriek									
Dairy: 1									
Malmesbury, Malmesbury Dierehospitaal									
Beef: 3									
Resistant blue Ticks									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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)	
Western Cape									
George, George Animal Hospital									
Dairy: 3									
Heartwater (Bont) ticks									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape

Average	3.0 (5)	2.0 (3)	1.0 (3)		1.0 (1)	2.0 (11)	2.5 (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

Beef	3.0 (3)	2.5 (2)	1.0 (1)			2.0 (7)	3.0 (1)
Sheep			1.0 (1)		1.0 (1)	2.0 (1)	
Goat	3.0 (2)	1.0 (1)	1.0 (1)			2.0 (3)	2.0 (1)

Mpumalanga

Middelburg , Middelburg Dierehospitaal

Beef: 3, Goat: 3

Nelspruit, Nelspruit Animal Hospital

Beef: 3, Goat: 3

Nelspruit, Wildlife vets 1

Beef: 3

Tick populations increasing in rural cattle.

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 3

Hammanskraal, Themba Animal Clinic

Goat: 1

Pretoria, Anima Veterinary Consulting Rooms

Beef: 2

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 1, Sheep: 1, Goat: 1

Free State

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Bont tick on a Meatmaster ram that was bought from Groblersdal.

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2, Goat: 2

Dundee, Endumeni Herd health

Beef: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 3, Goat: 3

Pietermaritzburg, Veterinary House Hospital

Beef: 2

Ticks stayed on throughout Winter

Pongola, Pongola Animal Clinic

Beef: 1, Goat: 1

Vryheid, Vryheid Privaat Veeartse

Beef: 2

Eastern Cape

Bathurst, Dr Jane Pistorius

Goat: 2

Two cases

Humansdorp, Humansdorp Veterinary Clinic

Beef: 3

Brown ear-ticks

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

Beef	1.0 (1)	2.0 (1)		3.0 (1)	2.0 (1)	1.5 (2)			
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Mpumalanga

Middelburg , Middelburg Dierehospitaal

Beef: 1

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Free State

Vrede, Saulshoek Dierepraktijk

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Bergville, Tugela Vet Clinic

Beef: 1

Bont-legged ticks

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.0 (3)		3.0 (5)	2.7 (9)	2.0 (1)			2.4 (5)

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

Beef	1.0 (1)	1.0 (1)		3.0 (4)	2.5 (6)	2.0 (1)			
Dairy									2.0 (1)
Sheep		1.0 (1)		3.0 (1)	3.0 (3)				2.7 (3)
Goat		1.0 (1)							2.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Gauteng									
Hammanskraal, Themba Animal Clinic									
Beef: 1, Sheep: 1, Goat: 1									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 3									
Klerksdorp, Klerksdorp Dierehospitaal									
Beef: 3, Sheep: 3									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 3									
Vryburg, Vryburg Dierehospitaal									
Beef: 3									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 3, Sheep: 3									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3, Sheep: 3									
Kroonstad, Kroonstad Dierehospitaal									
Beef: 3, Sheep: 3									
Ladybrand, Ladybrand Dierekliniek									
Beef: 3									
Memel, Memel Veterinary Clinic									
Beef: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 1									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Northern Cape									
Calvinia, Calvinia Veeartskliniek									
Sheep: 3									
De Aar, De Aar Veterinary Clinic									
Sheep: 3									
Postmasburg, Postmasburg Dierekliniek									
Dairy: 2, Sheep: 2, Goat: 2									
Red-legged ticks									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (5)			3.0 (1)	2.8 (8)	2.0 (1)		3.0 (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									
Beef	1.0 (2)			3.0 (1)	2.6 (5)	2.0 (1)			
Dairy					3.0 (1)			3.0 (1)	
Sheep	1.0 (2)				3.0 (2)			3.0 (1)	2.0 (1)

Goat	1.0 (1)								
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1, Sheep: 1, Goat: 1									
Grootvlei, Grootvlei Dierekliniek									
Sheep: 1									
Nelspruit, Nelspruit Animal Hospital									
Beef: 1									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 3									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3, Sheep: 3									
Kroonstad, Kroonstad Dierehospitaal									
Beef: 3, Dairy: 3, Sheep: 3									
Ladybrand, Ladybrand Dierekliniek									
Beef: 3									
Memel, Memel Veterinary Clinic									
Beef: 2									
Vrede, Saulshoek Dierepraktijk									
Beef: 2									
Kwazulu-Natal									
Underberg, Underberg Veterinary Surgery									
Beef: 2									
Western Cape									
Darling, Tygerberg Dierehospitaal Darling									
Dairy: 3									
Moorreesburg, Tygerberg mooreesburg									
Sheep: 3									
Ticks reported in general									
Northern Cape									
Kuruman, State Vet Kuruman									
Sheep: 2									
Tick infestation in ears - 3 cases of ear infection in small stock									
Paralysis ticks									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.5 (2)	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									
Sheep					2.5 (2)	1.5 (2)	3.0 (1)		
Free State									
Frankfort, Frankfort Dierekliniek									
Sheep: 3									
Vrede, Vrede Dierehospitaal									
Sheep: 2									

Two cases in sheep

Kwazulu-Natal

Dundee, Endumeni Herd health

Sheep: 1

Kokstad, E.G.Veterinary Services

Sheep: 2

Eastern Cape

Steynsburg, Steynsburg Dierehospitaal

Sheep: 3

Biting lice (red lice)



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

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

Beef				2.0 (1)	1.7 (3)	1.0 (1)			
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North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 1

Sucking lice (blue lice)



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

Beef					1.5 (2)				2.0 (1)
Goat							2.0 (1)		2.0 (1)

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2

Vrede, Saulshoek Direrepraktyk

Beef: 1

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

Goat: 2

Northern Cape**Kuruman, Kuruman Direkliniek**

Beef: 2

Postmasburg, Postmasburg Direkliniek

Goat: 2

Scab mites

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

Sheep		2.0 (1)					1.0 (1)		3.0 (1)
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Gauteng**Bapsfontein, Bapsfontein Direhospitaal**

Sheep: 2

Eastern Cape**Cradock, Cradock Veterinary Clinic**

Sheep: 1

One positive farm

Northern Cape**Calvinia, Calvinia Veeartskliniek**

Sheep: 3

Mange Mites

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

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

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

Mpumalanga**Balfour, Balfour Direkliniek**

Beef: 1

Sarcoptes mites**Gauteng****Bronkhorstspuit, Kerkstraat Direkliniek**

Beef: 2

Hammanskraal, Themba Animal Clinic

Sheep: 1

North West**Christiana, Christiana Dierehospitaal**

Beef: 3

Sarcoptes mites**Vryburg, Vryburg Dierehospitaal**

Beef: 2

Free State**Bultfontein, Greylingrust Dieresprekkamer**

Beef: 2

Kwazulu-Natal**Pietermaritzburg, Veterinary House Hospital**

Sheep: 2

Mostly informal/rural farmers' sheep

Nuisance Flies

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (4)			3.0 (2)	2.7 (3)	2.7 (3)		2.3 (14)	

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 (2)			3.0 (1)	3.0 (2)	2.5 (2)		2.0 (4)	
Dairy					2.0 (1)	3.0 (1)		3.0 (4)	
Sheep	2.0 (1)			3.0 (1)				2.2 (5)	
Goat	2.0 (1)							1.0 (1)	

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 2, Sheep: 2, Goat: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 2

North West**Ventersdorp, Ventersdorp Dierekliniek**

Beef: 3, Sheep: 3

Free State**Bloemfontein, Dr Stephan Wessels**

Beef: 3

Kroonstad, Kroonstad Dierehospitaal

Dairy: 2

Vrede, Saulshoek Direpraktyk

Beef: 3

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

Beef: 3

Dundee, Endumeni Herd health

Dairy: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Western Cape**Darling, Tygerberg Dierehospitaal Darling**

Dairy: 3

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 3, Sheep: 3

Malmesbury, Dr Otto Kriek

Dairy: 3

Fly control should have been started some time back already. Stable flies are a very severe problem on more than one farm where sufficient control measures are lacking. Other farms seem to have the fly situation well under control.

Malmesbury, Groenkloof Dierekliniek

Beef: 3, Sheep: 3

Malmesbury, Malmesbury Dierehospitaal

Beef: 3, Dairy: 3, Sheep: 3

Oudtshoorn, Ostrimed

Beef: 1, Sheep: 1, Goat: 1

Oudtshoorn, Oudtshoorn Dierekliniek

Beef: 1, Sheep: 1

Blowflies

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.3 (3)	1.0 (1)		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									
Beef					1.0 (1)	1.0 (1)		2.0 (1)	
Dairy								2.0 (1)	
Sheep					3.0 (2)			2.5 (2)	

Free State**Frankfort, Frankfort Dierekliniek**

Sheep: 3

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Vrede, Saulshoek Direpraktik

Beef: 1

Kwazulu-Natal**Pietermaritzburg, Veterinary House Hospital**

Beef: 1

Bull infected wound

Western Cape**Darling, Tygerberg Dierehospitaal Darling**

Dairy: 2

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 3

Oudtshoorn, Oudtshoorn Dierekliniek

Beef: 2, Sheep: 2

Screw-worm [^](#)

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

Beef	2.0 (1)				1.0 (1)				
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Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Free State

Vrede, Saulshoek Direpraktik

Beef: 1

Nasal bot larvae [^](#)

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

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

Sheep		2.5 (2)			2.3 (3)	1.0 (1)			2.0 (1)
Goat		2.0 (1)							

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 2

Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 3, Goat: 2

Free State

Bultfontein, Greylingrust Dierespreekkamer

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 2

Vrede, Saulshoek Direpraktik

Sheep: 3

Kwazulu-Natal

Camperdown, Camperdown Vet Clinic

Sheep: 1

Northern Cape

Calvinia, Calvinia Veeartskliniek

Sheep: 2

Midges									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)				1.5 (2)		2.0 (1)	2.1 (9)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.5 (2)							2.0 (2)	
Dairy								2.3 (3)	
Sheep					1.5 (2)		2.0 (1)	2.3 (3)	
Goat	2.0 (1)							1.0 (1)	
Mpumalanga Balfour, Balfour Dierekliniek Beef: 1 Nelspruit, Nelspruit Animal Hospital Beef: 2, Goat: 2									
Free State Philippolis, Rowelsfontein veearts Spreekkamer Sheep: 2 Villiers, Wilgepoort Dierekliniek Vennootskap Sheep: 1									
Eastern Cape Graaff-Reinet, Graaff Reinet Veterinary Clinic Sheep: 2									
Western Cape Heidelberg (WC), Heidelberg Dierekliniek Dairy: 3, Sheep: 3 Malmesbury, Dr Otto Kriek Dairy: 1 Malmesbury, Malmesbury Dierehospitaal Beef: 3, Dairy: 3, Sheep: 3 Oudtshoorn, Ostrimed Beef: 1, Sheep: 1, Goat: 1									
Mosquitoes									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				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									
Beef				3.0 (1)					

Sheep					1.5 (2)				
North West									
Vryburg, Vryburg Dierehospitaal									
Beef: 3									
Free State									
Philippolis, Rowelsfontein veearts Spreekkamer									
Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 1									
Other									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	3.0 (1)							
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)								
Goat		3.0 (1)							
Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Beef: 1									
Strobiloestrus warbles: contact with wildlife									
Gauteng									
Hammanskraal, Themba Animal Clinic									
Goat: 3									
Itch mite									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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)		
Eastern Cape									
Steynsburg, Steynsburg Dierehospitaal									
Sheep: 3									
Tick-borne Diseases									
African red water									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape

Average	2.0 (4)	2.0 (1)	1.3 (3)		1.8 (4)	1.9 (9)	2.0 (3)	2.5 (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

Beef	2.0 (4)	2.0 (1)	1.5 (2)		1.8 (4)	2.0 (8)	1.0 (1)	
Dairy			1.0 (1)			1.0 (1)	2.5 (2)	2.5 (2)

Mpumalanga

Middelburg , Middelburg Dierehospitaal

Beef: 3

Piet Retief, Pets Vet Hospital

Beef: 2

Standerton, Econovet

Beef: 2

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 1

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 2

Limpopo

Makhado, Blouberg Direkliniek

Beef: 2

Eight cases

Polokwane, Pietersburg Veterinary Clinic

Beef: 1, Dairy: 1

Free State

Frankfort, Frankfort Direkliniek

Beef: 2

Villiers, Wilgepoort Direkliniek Vennootskap

Beef: 1

Vrede, Saulshoek Direpraktik

Beef: 2

Vrede, Vrede Dierehospitaal

Beef: 2

One farm

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Bergville, Tugela Vet Clinic

Beef: 2

Dundee, Endumeni Herd health

Beef: 2, Dairy: 1

Kokstad, E.G.Veterinary Services

Beef: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Newcastle, Ncanduvet Newcastle

Beef: 3

Pietermaritzburg, Veterinary House Hospital

Beef: 2

Naive cattle brought down from lowveld

Pongola, Pongola Animal Clinic

Beef: 1

Eastern Cape

Alexandria, Riverview Trading Vet Consulting Services

Dairy: 2

Humansdorp, Humansdorp Veterinary Clinic

Beef: 1

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 3

Western Cape

George, George Animal Hospital

Dairy: 2

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 3

Asiatic red water

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)	2.0 (2)	1.0 (2)	1.5 (2)	1.3 (3)	1.5 (4)	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

Beef	2.0 (2)	2.0 (2)	1.0 (1)	2.0 (1)	1.3 (3)	1.7 (3)		1.0 (2)	
Dairy			1.0 (1)	1.0 (1)		1.0 (1)	2.0 (1)		

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Middelburg , Middelburg Dierehospitaal

Beef: 3

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

Magaliesburg, Magaliesburg; Dr Ryan Jeffrey

Beef: 2

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 1, Dairy: 1

North West

Klerksdorp, Buffeldoorn Dierehospitaal

Beef: 2

Rustenburg, Bergbos Dierekliniek

Dairy: 1

Free State

Frankfort, Frankfort Dierekliniek

Beef: 2

Reitz, Riemland Dierehospitaal

Beef: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 1

Bergville, Tugela Vet Clinic

Beef: 2

Dundee, Endumeni Herd health

Beef: 2, Dairy: 1

Eastern Cape**Alexandria, Riverview Trading Vet Consulting Services**

Dairy: 2

Western Cape**George, George Animal Hospital**

Beef: 1

Oudtshoorn, Ostrimed

Beef: 1

Anaplasmosis

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (3)	1.0 (2)	1.0 (1)	2.7 (3)	2.2 (10)	2.0 (3)	1.4 (5)	1.8 (6)	

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

Beef	1.3 (3)	1.0 (2)	1.0 (1)	2.7 (3)	2.1 (8)	2.0 (2)	1.4 (5)	1.5 (2)	
Dairy					2.5 (2)	2.0 (1)		2.0 (4)	

Mpumalanga**Grootvlei, Grootvlei Dierekliniek**

Beef: 1

Lydenburg, Longtom Dierekliniek

Beef: 2

Middelburg , Middelburg Dierehospitaal

Beef: 1

Gauteng**Hammanskraal, Themba Animal Clinic**

Beef: 1

Pretoria, Anima Veterinary Consulting Rooms

Beef: 1

Limpopo**Polokwane, Pietersburg Veterinary Clinic**

Beef: 1

North West**Christiana, Christiana Dierehospitaal**

Beef: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 2

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State**Bloemfontein, Dr Stephan Wessels**

Beef: 2
Clocolan, Clocolan Dierekliniek
Beef: 1
Frankfort, Frankfort Dierekliniek
Beef: 3
Hoopstad, Hoopstad Dierekliniek
Beef: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 3
Memel, Memel Veterinary Clinic
Beef: 1
Reitz, Riemland Dierehospitaal
Beef: 2, Dairy: 2
Vrede, Saulshoek Dierepraktijk
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Bergville, Tugela Vet Clinic
Beef: 2
Estcourt, Estcourt Vet Clinic
Dairy: 2
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 1
Aliwal North, Hertzogbrug Dierekliniek
Beef: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Beef: 1
Queenstown, Queenstown Veterinary clinic
Beef: 2
Uitenhage, Uitenhage Dierehospitaal
Beef: 1
Western Cape
Darling, Tygerberg Dierehospitaal Darling
Dairy: 2
Malmesbury, Invitrotech
Dairy: 3
Ten cases
Malmesbury, Malmesbury Dierehospitaal
Dairy: 2
Oudtshoorn, Oudtshoorn Dierekliniek
Beef: 2
Riversdale, Riversdal Dierekliniek
Dairy: 1
Stellenbosch, Stellenbosch Animal Hospital
Beef: 1

Heartwater									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)	1.5 (6)	2.5 (2)			1.8 (13)	1.2 (5)		

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

Beef	2.0 (2)	1.0 (1)	2.5 (2)		1.9 (8)	1.0 (2)
Sheep		1.3 (3)			1.0 (1)	1.5 (2)
Goat	1.0 (1)	2.0 (2)			2.0 (4)	1.0 (1)

Mpumalanga

Middelburg , Middelburg Dierehospitaal

Beef: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 2, Goat: 1

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 1

Hammanskraal, Themba Animal Clinic

Beef: 1, Sheep: 1, Goat: 3

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Goat: 1

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3

Ten cases

Mokopane, Dr Henk Visser

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Bergville, Tugela Vet Clinic

Beef: 2, Goat: 2

Dundee, Endumeni Herd health

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 3, Goat: 3

Newcastle, Ncanduvet Newcastle

Beef: 1

Pietermaritzburg, Veterinary House Hospital

Beef: 2, Goat: 2

Pongola, Pongola Animal Clinic

Sheep: 1, Goat: 1

Vryheid, Vryheid Privaat Veeartse

Beef: 2

Eastern Cape

Cofimvaba, State Vet Cofimvaba

Sheep: 2, Goat: 1

Humansdorp, Humansdorp Veterinary Clinic

Beef: 1

Queenstown, Queenstown Provincial Vet Lab

Sheep: 1

Uitenhage, Uitenhage Dierehospitaal

Beef: 1

Sweating Sickness [^](#)

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

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

Beef		2.0 (1)		2.0 (2)	1.0 (1)			1.0 (1)	1.0 (1)
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Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 1

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Free State

Clocolan, Clocolan Dierekliniek

Beef: 1

Western Cape

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Northern Cape

Kathu, Kathu Dierekliniek

Beef: 1

Theileriosis [^](#)

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

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

Dairy				1.0 (1)					
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North West

Rustenburg, Bergbos Dierekliniek

Dairy: 1

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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Average	3.0 (1)	2.0 (1)	1.7 (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				
Beef	3.0 (1)	2.0 (1)	1.7 (3)	2.0 (1)
Dairy				2.0 (1)

Three-day-stiffsickness

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

Beef	1.0 (1)	1.0 (3)	2.0 (1)
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Mpumalanga
Nelspruit, Nelspruit Animal Hospital
Beef: 1
Kwazulu-Natal
Newcastle, Ncanduvet Newcastle
Beef: 1
Pietermaritzburg, Veterinary House Hospital
Beef: 1
Suspect case - unconfirmed
Pongola, Pongola Animal Clinic
Beef: 1
Western Cape
Plettenberg Bay, Plettenberg Bay A Reitz
Beef: 2
Three young beef cattle

Blue tongue									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		3.0 (1)					2.0 (1)	1.6 (5)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef								1.5 (2)	
Sheep		3.0 (1)					2.0 (1)	1.7 (3)	
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 3									
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 2									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 2									
Oudtshoorn, Oudtshoorn Dierekliniek									
Beef: 2, Sheep: 2									
Riversdale, Riversdal Dierekliniek									
Sheep: 1									
Worcester, Durban Straat Dierekliniek Worcester									
Beef: 1									
Nagana									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Venereal Diseases									
Trichomonosis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (6)		2.0 (1)	3.0 (3)	2.1 (13)	2.3 (4)	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

Beef	1.5 (6)		2.0 (1)	3.0 (3)	2.1 (13)	2.3 (4)	1.5 (2)		2.0 (1)
Dairy							2.0 (1)		

Mpumalanga

Balfour, Balfour Diereklíníek

Beef: 1

One farm: 2 positive out of 15 bulls tested

Bethal, Bethal Diereklíníek

Beef: 1

Middelburg , Middelburg Dierehospitaal

Beef: 1

Piet Retief, Pets Vet Hospital

Beef: 2

Standerton, Econovet

Beef: 2

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 2

Limpopo

Modimolle, Kranskop Diereklíníek

Beef: 2

Five cases

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 3

Stella, Stella Diereklíníek

Beef: 3

Odd farm

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 2

Two new farms - Wepener

Clocolan, Clocolan Diereklíníek

Beef: 2

Dewetsdorp, Platkop Diereklíníek

Beef: 1

Frankfort, Frankfort Diereklíníek

Beef: 3

Hertzogville, Hertzogville Diereklíníek

Beef: 2

Hoopstad, Hoopstad Diereklíníek

Beef: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Ladybrand, Ladybrand Diereklíníek

Beef: 2

Memel, Memel Veterinary Clinic

Beef: 2

Reitz, Riemland Dierehospitaal

Beef: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 3

Vrede, Saulshoek Direpraktik

Beef: 2

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

Beef: 2

Dundee, Endumeni Herd health

Beef: 3

Kokstad, E.G.Veterinary Services

Beef: 3

Newcastle, Ncanduvet Newcastle

Beef: 1

Eastern Cape**Alexandria, Riverview Trading Vet Consulting Services**

Dairy: 2

Aliwal North, Hertzogbrug Dierekliniek

Beef: 2

Queenstown, Queenstown Veterinary clinic

Beef: 1

Northern Cape**Kuruman, Kuruman Dierekliniek**

Beef: 2

Vibriosis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)		2.0 (2)	2.0 (2)	1.9 (9)	1.5 (2)	2.0 (1)	1.5 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)		2.0 (2)	2.0 (2)	1.9 (9)	1.0 (1)	2.0 (1)	2.0 (1)	
Dairy						2.0 (1)		1.0 (1)	

Mpumalanga**Volksrust, Cape Cross Volksrust Dierehospitaal**

Beef: 1

Limpopo**Makhado, Blouberg Dierekliniek**

Beef: 2

Three cases

Modimolle, Kranskop Dierekliniek

Beef: 2

Two cases

North West**Stella, Stella Dierekliniek**

Beef: 2

Vryburg, Vryburg Dierehospitaal

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 2

Clocolan, Clocolan Dierekliniek

Beef: 2

Dewetsdorp, Platkop Dierekliniek

Beef: 3

Frankfort, Frankfort Diereklinik

Beef: 2

Hertzogville, Hertzogville Diereklíníek

Beef: 2

Hoopstad, Hoopstad Dierkliniek

Beef: 1

Ladybrand, Ladybrand Dierekliniek

Beef: 2

Reitz, Riemland Dierhospitaal

Beef: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 1

Estcourt, Estcourt Vet Clinic

Dairy: 2

Eastern Cape

Queenstown, Queenstown Veterinary clinic

Beef: 2

Western Cape

Malmesbury, Dr Otto Kriek

Dairy: 1

Bull was used in a beef herd. Fortunately owner asked to do a sheathwash amongst other tests.

Malmesbury, Malmesbury Dierehospitaal

Beet: 2

Pizzle disease

[illegible]

Average	2.0 (1)
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Northern Cape

Colesberg, Karoo Veterinary Hospital

Sheep: 2

Pizzle disease in Merino rams

REFERENCES

[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (4)	1.0 (1)		2.2 (5)	1.7 (6)	1.4 (5)	1.2 (5)		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

Beef	1.8 (4)	1.0 (1)		2.3 (4)	1.7 (6)	1.5 (4)	1.0 (2)		1.5 (2)
Dairy				2.0 (1)			1.5 (2)		
Sheep						1.0 (1)	1.0 (1)		2.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Middelburg , Middelburg Dierehospitaal

Beef: 2

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Lichtenburg, Dr CM Kruger-Rall

Beef: 2

Five cases

Rustenburg, Bergbos Dierekliniek

Dairy: 2

Ventersdorp, Ventersdorp Dierekliniek

Beef: 2

Vryburg, Vryburg Dierehospitaal

Beef: 2

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 2

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Smithfield, Freestate Smithfield SV

Beef: 2

One outbreak, 3 animals died

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Vrede, Saulshoek Direpraktyk

Beef: 1

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 2									
Estcourt, Estcourt Vet Clinic									
Beef: 1									
Newcastle, Ncanduvet Newcastle									
Beef: 1									
Pietermaritzburg, Veterinary House Hospital									
Sheep: 1									
Confirmed case									
Vryheid, Vryheid Privaat Veeartse									
Beef: 2									
Eastern Cape									
Alexandria, Riverview Trading Vet Consulting Services									
Beef: 1									
Clostridium novyi in wagyu calf									
Dairy: 1									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 2									
Queenstown, Queenstown Provincial Vet Lab									
Beef: 1									
Queenstown, Queenstown Veterinary clinic									
Sheep: 1									
Northern Cape									
Colesberg, Karoo Veterinary Hospital									
Beef: 2									
A few blackquarter cases in weaners									
Kimberley, Kimberley Dierekliniek									
Beef: 1									
Upington, Upington Veeartsenykliniek									
Sheep: 2									
Soiled needles									
Botulism									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average									1.5 (2)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef									1.5 (2)
Northern Cape									
Postmasburg, Postmasburg Dierekliniek									
Beef: 2									
Upington, Upington Veeartsenykliniek									
Beef: 1									
Pulpy Kidney									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape

Average	1.0 (2)	2.0 (1)		2.0 (1)	2.2 (9)	1.0 (2)	1.7 (3)	1.8 (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

Sheep	1.0 (2)	2.0 (1)		2.0 (1)	2.2 (9)	1.0 (2)	3.0 (1)	1.8 (4)
Goat							1.0 (2)	

Mpumalanga

Balfour, Balfour Dierekliniek

Sheep: 1

Lydenburg, Longtom Dierekliniek

Sheep: 1

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 2

North West

Brits, Brits Dierekliniek

Sheep: 2

Free State

Clocolan, Clocolan Dierekliniek

Sheep: 2

Frankfort, Frankfort Dierekliniek

Sheep: 3

Hertzogville, Hertzogville Dierekliniek

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Reitz, Riemland Dierehospitaal

Sheep: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Sheep: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Vrede, Vrede Dierehospitaal

Sheep: 3

One outbreak, 20 sheep died

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 2

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Sheep: 1

Newcastle, Ncanduvet Newcastle

Sheep: 1

Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 1

Queenstown, Queenstown Provincial Vet Lab

Goat: 1

Steynsburg, Steynsburg Dierehospitaal

Sheep: 3

Western Cape

Caledon, Overberg Veterinary Hospital

Sheep: 2

Malmesbury, Groenkloof Dierekliniek

Sheep: 2

Clostridial infections in young lambs

Oudtshoorn, Ostrimed

Sheep: 1

Piketberg, Piketberg Dierehospitaal

Sheep: 2

Lamb dysentery

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

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

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

Mpumalanga

Volkstrust, Cape Cross Volkstrust Dierehospitaal

Beef: 2

North West

Vryburg, Vryburg Dierehospitaal

Beef: 2

Eastern Cape

Steynsburg, Steynsburg Dierehospitaal

Sheep: 3

Northern Cape

Postmasburg, Postmasburg Dierekliniek

Goat: 1

Swelled head disease

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

Beef		3.0 (1)				1.0 (3)			
Sheep		1.0 (1)						2.0 (3)	3.0 (1)

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 3

Hammanskraal, Themba Animal Clinic

Sheep: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 1

Newcastle, Ncanduvet Newcastle

Beef: 1

Vryheid, Vryheid Privaat Veeartse

Beef: 1

Western Cape

Caledon, Caledon Dierekliniek

Sheep: 1

Caledon, Overberg Veterinary Hospital

Sheep: 3

Ceres, Ceres Veterinary Hospital

Sheep: 2

Present on 2 farms

Northern Cape

Kimberley, Kimberley Dierekliniek

Sheep: 3

Redgut (cattle)

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

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

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 2

Free State

Frankfort, Frankfort Dierekliniek

Beef: 2

Vrede, Saulshoek Direpraktyk

Beef: 1

Eastern Cape

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 2

Uitenhage, Uitenhage Dierehospitaal

Beef: 1

Western Cape

Darling, Tygerberg Dierehospitaal Darling

Dairy: 1

Blood gut (Sheep)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	3.0 (1)			1.0 (1)	2.0 (1)			2.2 (5)	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	3.0 (1)			1.0 (1)	2.0 (1)			2.2 (5)	2.0 (1)
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Mpumalanga

Middelburg , Middelburg Dierehospitaal

Sheep: 3

North West

Christiana, Christiana Dierehospitaal

Sheep: 1

Free State

Clocolan, Clocolan Dierekliniek

Sheep: 2

Western Cape

Caledon, Overberg Veterinary Hospital

Sheep: 2

Darling, Tygerberg Dierehospitaal Darling

Sheep: 2

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 2

Moorreesburg, Tygerberg mooreesburg

Sheep: 3

Wellington, Wellington Dierehospitaal

Sheep: 2

Clostridial intestinal infections and deaths

Northern Cape

Kuruman, Kuruman Dierekliniek

Sheep: 2

Tetanus

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

Beef								1.0 (1)	
Sheep		1.0 (1)			1.0 (2)		1.0 (1)		

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 1

Free State

Hoopstad, Hoopstad Dierekliniek

Sheep: 1

Reitz, Riemland Dierehospitaal

Sheep: 1

Eastern Cape**Aliwal North, Hertzogbrug Direkliniek**

Sheep: 1

Western Cape**Stellenbosch, Stellenbosch Animal Hospital**

Beef: 1

Salmonellosis

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

Beef	1.5 (2)				2.0 (1)				
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Mpumalanga**Balfour, Balfour Direkliniek**

Beef: 1

Piet Retief, Pets Vet Hospital

Beef: 2

Free State**Bloemfontein, Dr Stephan Wessels**

Beef: 2

Brucella abortus

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)		2.0 (1)	2.0 (4)	2.3 (8)	1.5 (2)	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

Beef	1.0 (1)		2.0 (1)	2.0 (4)	2.3 (8)	1.0 (1)			3.0 (2)
Sheep						2.0 (1)			
Goat							1.0 (1)		

Mpumalanga**Volksrust, Cape Cross Volksrust Dierehospitaal**

Beef: 1

Limpopo**Makhado, Blouberg Direkliniek**

Beef: 2

Three cases

North West

Christiana, Christiana Dierehospitaal

Beef: 1

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 1

Lichtenburg, Dr CM Kruger-Rall

Beef: 3

168 Cattle

Stella, Stella Dierekliniek

Beef: 3

New farm

Free State**Bloemfontein, Dr Stephan Wessels**

Beef: 3

One farm, 36 out of 83 positive

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Ladybrand, Ladybrand Dierekliniek

Beef: 3

Smithfield, Freestate Smithfield SV

Beef: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 3

Vrede, Saulshoek Dierepraktyk

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

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

Beef: 1

Kokstad, E.G.Veterinary Services

Sheep: 2

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

Goat: 1

Brucella melitensis in goats**Northern Cape****Kimberley, Kimberley Dierekliniek**

Beef: 3

Three farms, 2 new farms, one retested

Kuruman, State Vet Kuruman

Beef: 3

18 positive cases on one new farm tested

Brucella ovis

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

Sheep	1.0 (1)	2.0 (3)	2.0 (1)
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Mpumalanga

Volksrust, Cape Cross Volksrust Dierehospitaal

Sheep: 1

Free State

Frankfort, Frankfort Direkliniek

Sheep: 2

Villiers, Wilgepoort Direkliniek Vennootskap

Sheep: 3

Wesselsbron, Wesselsbron Direkliniek

Sheep: 1

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 2

Johne`s disease

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

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

Sheep

1.7 (3)

Western Cape

Caledon, Overberg Veterinary Hospital

Sheep: 2

Heidelberg (WC), Heidelberg Direkliniek

Sheep: 1

Moorreesburg, Tygerberg mooreesburg

Sheep: 2

Leptospirosis

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

Dairy

1.0 (1)

Western Cape

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Two abortions in a dairy herd. Foetuses positive Leptospirosis.[PCR]

Septicaemia

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

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

Beef	1.0 (1)	1.0 (1)
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Mpumalanga

Piet Retief, Pets Vet Hospital

Beef: 1

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

Peritonitis

E. coli

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)	1.7 (3)		2.5 (6)	2.4 (8)	1.5 (2)	1.0 (1)	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

Beef	2.0 (2)	1.0 (1)		2.3 (4)	2.2 (5)	1.0 (1)	1.0 (1)	
Dairy		2.0 (1)						1.5 (2)
Sheep	1.0 (1)			3.0 (2)	2.7 (3)	2.0 (1)		2.0 (1)
Goat		2.0 (1)						2.0 (1)

Mpumalanga

Balfour, Balfour Dierkliniek

Beef: 2

Bethal, Bethal Dierekliniek

Sheep: 1

Standerton, Econovet

Beef: 2

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 1, Dairy: 2, Goat: 2

North West

Klerksdorp, Klerksdorp Dierhospitaal

Beef: 3, Sheep: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Calves - autogenous vaccine made last season, is not protecting now.

Sheep: 3
Lichtenburg, Dr CM Kruger-Rall
Beef: 1
Vryburg, Vryburg Dierehospitaal
Beef: 2
Free State
Bloemfontein, Dr Stephan Wessels
Sheep: 3
Clocolan, Clocolan Dierekliniek
Beef: 2, Sheep: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 3
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2
Vrede, Saulshoek Direpraktyk
Beef: 1
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 1
Pietermaritzburg, Veterinary House Hospital
Sheep: 2
Eastern Cape
Aliwal North, Hertzogbrug Dierekliniek
Beef: 1
Western Cape
Beaufort West, Beaufort West State Vet
Sheep: 2
Problems of lamb deaths 4-8 weeks old with neurological symptoms.
Caledon, Overberg Veterinary Hospital
Dairy: 2
Darling, Tygerberg Dierehospitaal Darling
Dairy: 1
Northern Cape
Postmasburg, Postmasburg Dierekliniek
Sheep: 2, Goat: 2
Upington, Upington Veeartsenykliniek
Sheep: 2

Enzootic Abortion									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					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									
Beef							1.0 (1)		
Sheep					1.5 (2)				2.0 (1)

Goat									2.0 (2)
Free State									
Clocolan, Clocolan Dierekliniek									
Sheep: 1									
Kroonstad, Kroonstad Dierehospitaal									
Sheep: 2									
Eastern Cape									
Queenstown, Queenstown Provincial Vet Lab									
Beef: 1									
Northern Cape									
Calvinia, Calvinia Veeartskliniek									
Goat: 2									
Postmasburg, Postmasburg Dierekliniek									
Sheep: 2, Goat: 2									
Dermatophilosis (Lumpy Wool)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						1.0 (1)	1.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep						1.0 (1)	1.0 (1)		
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Sheep: 1									
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Sheep: 1									
Intrauterine Gangrene									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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									
Sheep						1.0 (1)			2.0 (1)
Goat								2.0 (1)	
Kwazulu-Natal									
Pietermaritzburg, Veterinary House Hospital									
Sheep: 1									
Northern Cape									
Kuruman, Kuruman Dierekliniek									
Sheep: 2									
Postmasburg, Postmasburg Dierekliniek									
Goat: 2									

Bovine Dermatophilosis (Senkobo disease)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)							
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		1.0 (1)							
Gauteng									
Hammanskraal, Themba Animal Clinic									
Beef: 1									
Fusibacterium necrophorum									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								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									
Beef								1.5 (2)	
Dairy								2.0 (1)	
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Beef: 2, Dairy: 2									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 1									
Listeriosis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						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									
Sheep						2.0 (1)		3.0 (1)	
Kwazulu-Natal									
Pietermaritzburg, Veterinary House Hospital									
Sheep: 2									
Mouldy silage/wrapped green bales. 2 flocks affected, but only a few clinical cases.									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 3									
Other									^

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

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

Beef			1.0 (1)					1.0 (1)	
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Limpopo

Mokopane, Dr Henk Visser

Beef: 1

Western Cape

Ceres, Ceres Veterinary Hospital

Beef: 1

Lumpy jaw

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				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

Beef				1.0 (1)					
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North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 1

One Charolais cow

Coccidiosis

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	1.5 (2)		2.0 (1)	2.0 (6)	1.7 (3)	1.3 (3)	1.5 (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

Beef		2.0 (1)		2.0 (1)	2.5 (2)	1.7 (3)			
Dairy							2.0 (1)	1.0 (1)	
Sheep					1.7 (3)			2.0 (1)	

Goat	2.0 (1)	1.0 (1)	2.0 (1)	1.0 (2)	2.0 (2)
Mpumalanga					
Nelspruit, Nelspruit Animal Hospital					
Goat: 2					
Gauteng					
Nigel, Welgelegen Dierekliniek					
Beef: 2					
Calves					
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic					
Goat: 1					
North West					
Ventersdorp, Ventersdorp Dierekliniek					
Beef: 2					
Free State					
Frankfort, Frankfort Dierekliniek					
Beef: 3					
Kroonstad, Kroonstad Dierehospitaal					
Goat: 2					
Reitz, Riemland Dierehospitaal					
Sheep: 2					
Villiers, Wilgepoort Dierekliniek Vennootskap					
Beef: 2, Sheep: 2					
Wesselsbron, Wesselsbron Dierekliniek					
Sheep: 1					
Kwazulu-Natal					
Bergville, Bergville Veterinary Clinic					
Beef: 2					
Estcourt, Estcourt Vet Clinic					
Beef: 1					
Pietermaritzburg, Veterinary House Hospital					
Beef: 2					
Calves - Greytown					
Eastern Cape					
Bathurst, Dr Jane Pistorius					
Goat: 1					
Graaff-Reinet, Camdeboo Veterinary Clinic					
Goat: 1					
Witelsbos, Witelsbos Veterinary Consulting Rooms					
Dairy: 2					
Western Cape					
Heidelberg (WC), Heidelberg Dierekliniek					
Dairy: 1					
Malmesbury, Malmesbury Dierehospitaal					
Sheep: 2					
Northern Cape					
Kuruman, Kuruman Dierekliniek					
Goat: 2					
Postmasburg, Postmasburg Dierekliniek					
Goat: 2					
<i>Cryptosporidium</i>					

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

Mpumalanga
Balfour, Balfour Direklinik
Beef: 1, Sheep: 1
Lydenburg, Longtom Direklinik
Beef: 3
11 Drakensberger calves died
Middelburg , Middelburg Dierehospitaal
Beef: 3
North West
Vryburg, Vryburg Dierehospitaal
Goat: 3
Free State
Clocolan, Clocolan Direklinik
Beef: 2, Sheep: 2
Hoopstad, Hoopstad Direklinik
Sheep: 2
Villiers, Vilgepoort Direklinik Vennootskap
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 3, Dairy: 3
Estcourt, Estcourt Vet Clinic
Beef: 3, Dairy: 3, Sheep: 2
Pietermaritzburg, Veterinary House Hospital
Beef: 2
Unconfirmed, but on same farm as confirmed in sheep flock.
Sheep: 2
2 flocks affected - not confirmed this season, but following same pattern on same farms as last season which was confirmed.
Eastern Cape
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 3
Western Cape
Darling, Tygerberg Dierehospitaal Darling
Dairy: 2
Heidelberg (WC), Heidelberg Direklinik

Dairy: 2

Fungal diseases

Ringworm

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (4)	2.0 (1)	2.0 (1)	2.3 (3)	1.9 (7)	1.5 (2)	1.5 (2)	1.0 (1)	2.0 (1)

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

Beef	1.8 (4)		2.0 (1)	2.3 (3)	1.9 (7)	1.5 (2)	1.5 (2)		
Dairy								1.0 (1)	
Sheep		2.0 (1)							2.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 2

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 2

Six cases

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 1

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 1

Ficksburg, Oosvrystaat Dier Produkte

Beef: 2

Hertzogville, Hertzogville Dierekliniek

Beef: 3

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Reitz, Riemland Dierehospitaal

Beef: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2

Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 1

Eastern Cape

Aliwal North, Hertzogbrug Dierekliniek

Beef: 1

Queenstown, Queenstown Veterinary clinic

Beef: 2

Western Cape

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Northern Cape

Kuruman, Kuruman Dierekliniek

Sheep: 2

Viral Diseases (other)

BMC



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

Beef		1.0 (1)	2.0 (3)	1.3 (3)	1.0 (1)			1.0 (1)	1.0 (1)
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Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 2

Two cases

Mokopane, Dr Henk Visser

Beef: 3

Vaalwater, Vaalwater Dieresprekkamer

Beef: 1

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 1

Stella, Stella Dierekliniek

Beef: 1

Vryburg, Vryburg Dierehospitaal

Beef: 2

Free State

Kroonstad, Kroonstad Dierehospitaal

Beef: 1

Western Cape

Beaufort West, Beaufort West State Vet

Beef: 1

Wildebeest few kilometers away.

Northern Cape

Upington, Upington Veeartsenykliniek

Beef: 1

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

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 1

One cow - human contact

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Eastern Cape

Cofimvaba, State Vet Cofimvaba

Goat: 1

BVD (Bovine viral diarrhoea)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		3.0 (1)				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									
Beef		3.0 (1)				1.0 (1)		1.0 (1)	1.0 (1)

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 3

Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 1

Western Cape

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Positive PCR. Mucosal disease

Northern Cape

Postmasburg, Postmasburg Dierekliniek

Beef: 1

IBR (Infectious bovine rhinotracheitis)

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

Beef					3.0 (1)	1.0 (1)			1.0 (1)
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Free State

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 1

Northern Cape

Postmasburg, Postmasburg Dierekliniek

Beef: 1

Enzootic Bovine Leucosis (EBL)

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

Beef							1.0 (1)		
Dairy			1.0 (1)		2.0 (1)			2.0 (1)	

Limpopo

Makhado, Blouberg Dierekliniek

Dairy: 1

Free State

Kroonstad, Kroonstad Dierehospitaal

Dairy: 2

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Beef: 1

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Dairy: 2

Orf									
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)	1.9 (7)	1.5 (2)	1.3 (3)	2.0 (5)	2.0 (2)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep		1.0 (1)		2.0 (1)	1.9 (7)	1.0 (1)	1.5 (2)	2.3 (4)	
Goat	2.0 (1)					2.0 (1)	1.0 (1)	1.0 (1)	2.0 (2)
Mpumalanga									
Volskrust, Cape Cross Volksrust Dierehospitaal									
Goat: 2									
Gauteng									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 1									
North West									
Christiana, Christiana Dierehospitaal									
Sheep: 2									
Free State									
Clocolan, Clocolan Dierekliniek									
Sheep: 2									
Kroonstad, Kroonstad Dierehospitaal									
Sheep: 3									
Ladybrand, Ladybrand Dierekliniek									
Sheep: 3									
Reitz, Riemland Dierehospitaal									
Sheep: 1									
Viljoenskroon, Viljoenskroon Dierekliniek									
Sheep: 1									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 1									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Sheep: 1									
Estcourt, Estcourt Vet Clinic									
Goat: 2									
Eastern Cape									
Aliwal North, Hertzogbrug Dierekliniek									
Sheep: 1									
Cofimvaba, State Vet Cofimvaba									
Sheep: 2									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Goat: 1									
Western Cape									
Caledon, Caledon Dierekliniek									
Sheep: 2									

Darling, Tygerberg Dierehospitaal Darling

Sheep: 1

George, George Animal Hospital

Sheep: 3

Piketberg, Piketberg Dierehospitaal

Sheep: 3

Stellenbosch, Stellenbosch Animal Hospital

Goat: 1

Northern Cape**Kuruman, Kuruman Dierekliniek**

Goat: 2

Postmasburg, Postmasburg Dierekliniek

Goat: 2

Warts

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (3)	2.3 (3)		1.7 (3)	2.5 (4)	1.5 (4)		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

Beef	1.0 (2)	2.5 (2)		1.5 (2)	2.3 (3)	1.5 (4)		1.5 (2)	
Dairy				2.0 (1)				2.0 (1)	
Sheep	1.0 (1)				3.0 (1)				
Goat		2.0 (1)							2.0 (1)

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 1

Standerton, Econovet

Sheep: 1

Gauteng**Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 2

Hammanskraal, Themba Animal Clinic

Beef: 3, Goat: 2

North West**Brits, Brits Dierekliniek**

Dairy: 2

Christiana, Christiana Dierehospitaal

Beef: 2

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 1

Calves

Free State**Bloemfontein, Dr Stephan Wessels**

Beef: 3
Hertzogville, Hertzogville Dierekliniek
Sheep: 3
Hoopstad, Hoopstad Dierekliniek
Beef: 2
Kroonstad, Kroonstad Dierehospitaal
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 1
Newcastle, Ncanduvet Newcastle
Beef: 1
Pietermaritzburg, Veterinary House Hospital
Beef: 2
Western Cape
Caledon, Caledon Dierekliniek
Dairy: 2
Darling, Tygerberg Dierehospitaal Darling
Beef: 2
Worcester, Durban Straat Dierekliniek Worcester
Beef: 1
Northern Cape
Postmasburg, Postmasburg Dierekliniek
Goat: 2

Rota virus	^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						1.0 (1)		1.5 (2)	

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

Beef						1.0 (1)			
Dairy								1.5 (2)	

Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 1
Western Cape
Darling, Tygerberg Dierehospitaal Darling
Dairy: 2
Calves
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 1

Corona Virus	^
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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									
Bergville, Bergville Veterinary Clinic									
Beef: 1									
Other viral disease not listed									▶
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		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									
Sheep		2.0 (1)						3.0 (1)	
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 2									
Western Cape									
Wellington, Wellington Dierehospitaal									
Sheep: 3									
Unknown viral infections in 2 herds. At the laboratory no known sheep viruses were isolated. On histo-pathology it was found that the unknown viral infection was similar to Rift Valley Fever.									
Poisonings (Plant) and Fungal									
Cardiac glycoside poisoning									▶
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			1.0 (1)	2.0 (1)	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									
Beef			1.0 (1)	2.0 (1)	3.0 (1)				
Sheep								1.5 (2)	
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 1									
North West									
Vryburg, Vryburg Dierehospitaal									
Beef: 2									
Free State									
Vrede, Saulshoek Dierepraktijk									

Beef: 3

Tulip poisoning, 18cows

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 2

Drought

Oudtshoorn, Oudtshoorn Dierekliniek

Sheep: 1

Cestrum

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

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

Beef					1.7 (3)		1.0 (1)		
Sheep					3.0 (1)				

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 1

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3, Sheep: 3

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Beef: 1

Cynanchum poisoning

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

Dairy								1.0 (1)	
Sheep								1.0 (1)	

Western Cape

Riversdale, Riversdal Dierekliniek

Dairy: 1, Sheep: 1

Facial eczema

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

Caledon, Overberg Veterinary Hospital

Sheep: 3

Gifblaar

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

Beef	1.0 (1)	2.0 (2)							
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Goat		2.0 (1)							
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Mpumalanga

Middelburg , Middelburg Dierehospitaal

Beef: 1

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 3, Goat: 2

Pretoria, Anima Veterinary Consulting Rooms

Beef: 1

Lantana

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

Beef	1.0 (1)			2.0 (1)		1.3 (4)	1.0 (1)		
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Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 1

North West

Brits, Brits Dierekliniek

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 1

Newcastle, Ncanduvet Newcastle

Beef: 1

Pietermaritzburg, Veterinary House Hospital

Beef: 1

Vryheid, Vryheid Privaat Veeartse

Beef: 2

Eastern Cape**Humansdorp, Humansdorp Veterinary Clinic**

Beef: 1

Nitrate poisoning

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

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

Beef									2.0 (1)
Dairy								2.0 (1)	

Western Cape**Swellendam, Swellendam Dierehospitaal**

Dairy: 2

Northern Cape**Kuruman, Kuruman Dierekliniek**

Beef: 2

Prussic acid poisoning

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

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

Sheep								1.0 (1)	
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Western Cape**Darling, Tygerberg Dierehospitaal Darling**

Sheep: 1

Rye grass poisoning

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

Dairy						1.0 (1)			
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Sheep	2.0 (1)								
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Dairy: 1									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 2									
Seneciosis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						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									
Beef						1.0 (1)			
Sheep						1.0 (1)	2.0 (1)		
Kwazulu-Natal									
Camperdown, Camperdown Vet Clinic									
Sheep: 1									
Pietermaritzburg, Veterinary House Hospital									
Beef: 1									
Weaner calf									
Eastern Cape									
Queenstown, Queenstown Provincial Vet Lab									
Sheep: 2									
Tulip Poisoning									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	2.0 (1)		1.0 (1)	1.8 (6)	2.3 (3)	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									
Beef	2.0 (1)	2.0 (1)		1.0 (1)	2.0 (5)	2.3 (3)	1.0 (2)	2.0 (1)	
Sheep					1.0 (1)				
Mpumalanga									
Volksrust, Cape Cross Volksrust Dierehospitaal									
Beef: 2									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
North West									
Leeudoringstad, Leeudoringstad Dierekliniek									

Beef: 1

Bull - treated with 2 kg of charcoal. Three weeks ago, still alive, not 100%

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 2

Clocolan, Clocolan Dierekliniek

Beef: 2

Memel, Memel Veterinary Clinic

Beef: 1

Reitz, Riemland Dierehospitaal

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 3

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Dundee, Endumeni Herd health

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 2

Eastern Cape

Queenstown, Queenstown Provincial Vet Lab

Beef: 1

Queenstown, Queenstown Veterinary clinic

Beef: 1

Western Cape

Caledon, Overberg Veterinary Hospital

Beef: 2

Vermeersiekte (<i>Gaigeria</i> spp.)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)								

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

Sheep	1.0 (1)								
Mpumalanga									
Balfour, Balfour Dierekliniek									
Sheep: 1									

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

Dairy		2.0 (1)
Goat	3.0 (1)	1.0 (1)

Gauteng

Hammanskraal, Themba Animal Clinic

Goat: 3

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Dairy: 2

Stellenbosch, Stellenbosch Animal Hospital

Goat: 1

Diarrhoea from mouldy hay.

Diplodiosis [^](#)

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

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

Sheep		2.0 (1)
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Free State

Reitz, Riemland Dierehospitaal

Sheep: 2

Other [^](#)

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

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

Sheep	2.0 (1)							2.5 (2)	
Goat		1.0 (1)					1.0 (1)		

Mpumalanga

Volksrust, Cape Cross Volksrust Dierehospitaal

Sheep: 2

5 lambs died from liver toxicity. Not sure whether cause is seneciosis or cyanobacteria.

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Goat: 1

Acacia nilotica

Eastern Cape

Queenstown, Queenstown Provincial Vet Lab

Goat: 1

Melia azedarach/seringboom. Rumen full of Berries

Western Cape

Ceres, Ceres Veterinary Hospital

Sheep: 2

Chinkerenchee poisoning on 2 farms

Piketberg, Piketberg Dierehospitaal

Sheep: 3

Chinkerenchee - *Ornithogalum thyroides*

Poisonings

Water contamination

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

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 3

Urea Poisoning

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						1.0 (1)			1.5 (4)

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

Beef 1.0 (1) 2.0 (1)

Sheep 1.5 (2)

Goat 1.0 (1)

Kwazulu-Natal

Newcastle, Ncanduvet Newcastle

Beef: 1

Northern Cape

Kimberley, Kimberley Dierekliniek

Beef: 2

Five cattle, treated, recovered. One animal missing - not treated, died

Goat: 1

Postmasburg, Postmasburg Dierekliniek

Sheep: 2

Upington, Upington Veeartsenykliniek

Sheep: 1

Alpaccas

Snake Bite

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

Beef					1.0 (2)				1.0 (1)
Sheep							1.0 (1)		

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Eastern Cape

Witelsbos, Witelsbos Veterinary Consulting Rooms

Sheep: 1

Northern Cape

Kuruman, Kuruman Dierekliniek

Beef: 1

Hypo



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

Malmesbury, Malmesbury Dierhospitaal

Beef: 2

Blue-green algae



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

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

Sheep								1.0 (1)	
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Western Cape

Caledon, Caledon Dierekliniek

Sheep: 1

Copper Poisoning

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

De Aar, De Aar Veterinary Clinic

Sheep: 3

Yellow carcasses at abattoir

Chemical products

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

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

Beef	2.0 (1)
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Goat	2.0 (1)
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Gauteng

Hammanskraal, Themba Animal Clinic

Goat: 2

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Beef: 2

Lead poisoning

Other

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

Beef	2.0 (1)
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Goat	3.0 (1)
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Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Goat: 3

Plantpoisonings, 36 goats

Free State

Vrede, Saulshoek Dierepraktik

Beef: 2

Glyphosate poisoning

Macro Nutritional Problems

Energy deficiency

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (3)	3.0 (1)	1.7 (3)	3.0 (6)	3.0 (1)	2.0 (2)	2.5 (2)	2.3 (4)	2.0 (4)

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

Beef	1.5 (2)	3.0 (1)	3.0 (1)	3.0 (3)	3.0 (1)	2.0 (2)		2.0 (2)	2.0 (2)
Dairy								3.0 (1)	
Sheep	1.0 (1)		1.0 (1)	3.0 (2)			2.5 (2)	2.0 (1)	2.0 (1)
Goat			1.0 (1)	3.0 (1)					2.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Sheep: 1

Standerton, Econovet

Beef: 2

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 3

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 3, Sheep: 1, Goat: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 3, Sheep: 3, Goat: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Poor grazing conditions, farmers not giving licks.

Sheep: 3

Poor grazing conditions

Free State

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Dundee, Endumeni Herd health

Beef: 2

Eastern Cape

Queenstown, Queenstown Provincial Vet Lab

Sheep: 2

Steynsburg, Steynsburg Dierehospitaal

Sheep: 3

Western Cape**Malmesbury, Malmesbury Dierehospitaal**

Beef: 2, Dairy: 3, Sheep: 2

Worcester, Durban Straat Dierekliniek Worcester

Beef: 2

Northern Cape**Kathu, Kathu Dierekliniek**

Beef: 2

Postmasburg, Postmasburg Dierekliniek

Beef: 2, Sheep: 2, Goat: 2

Protein deficiency

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (3)	3.0 (1)	2.3 (3)	3.0 (3)	2.0 (2)	2.0 (1)	2.0 (4)	1.7 (6)	2.2 (5)

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

Beef	1.5 (2)	3.0 (1)	3.0 (1)	3.0 (2)	2.0 (1)	2.0 (1)	1.0 (1)	2.0 (2)	2.0 (2)
Dairy								2.0 (1)	
Sheep	1.0 (1)		2.0 (1)	3.0 (1)	2.0 (1)		2.3 (3)	1.5 (2)	2.5 (2)
Goat			2.0 (1)					1.0 (1)	2.0 (1)

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 1, Sheep: 1

Standerton, Econovet

Beef: 2

Gauteng**Hammanskraal, Themba Animal Clinic**

Beef: 3

Limpopo**Polokwane, Pietersburg Veterinary Clinic**

Beef: 3, Sheep: 2, Goat: 2

North West**Christiana, Christiana Dierehospitaal**

Beef: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Poor grazing conditions

Sheep: 3

Poor grazing conditions

Free State**Vrede, Saulshoek Dierepraktijk**

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 1

One bull with phosphate deficiency

Northern Cape**Kuruman, Kuruman Dierekliniek**

Beef: 2

Postmasburg, Postmasburg Dierekliniek

Beef: 2

Calcium deficiency

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)		2.0 (1)		1.7 (3)	1.5 (2)		2.2 (5)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)		2.0 (1)		1.0 (1)	1.0 (1)		2.0 (2)	
Dairy						2.0 (1)		2.3 (3)	
Sheep					2.0 (2)				

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 1

Limpopo**Polokwane, Pietersburg Veterinary Clinic**

Beef: 2

Free State**Hoopstad, Hoopstad Dierekliniek**

Beef: 1

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

Reitz, Riemland Dierehospitaal

Sheep: 2

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

Dairy: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 1

Cow post calving

Western Cape**Caledon, Caledon Dierekliniek**

Dairy: 2

Caledon, Overberg Veterinary Hospital

Dairy: 2

Darling, Tygerberg Dierehospitaal Darling

Beef: 2

Malmesbury, Malmesbury Dierehospitaal

Beef: 2, Dairy: 3

Micro Nutritional Problems

Iodine deficiency

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

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

Beef						1.0 (1)			
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Kwazulu-Natal

Pietermaritzburg, Veterinary House Hospital

Beef: 1

Single confirmed case on farm with several weak/stillborn calves.

Zinc deficiency

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

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

Goat							1.0 (1)		
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Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 1

Selenium deficiency

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (1)		2.7 (3)	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

Beef						2.5 (2)			
Dairy						3.0 (1)	3.0 (1)	2.0 (1)	
Sheep				3.0 (1)					
Goat									2.0 (1)

North West

Christiana, Christiana Dierehospitaal

Sheep: 3

Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 3, Dairy: 3

Eastern Cape

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 3

Western Cape

Caledon, Overberg Veterinary Hospital

Dairy: 2

Northern Cape

Postmasburg, Postmasburg Dierekliniek

Goat: 2

Magnesium deficiency

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

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

Goat

1.0 (1)

Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 1

Manganese deficiency

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

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 3

Vitamin A deficiency

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (1)	2.4 (5)		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)	2.3 (3)			3.0 (1)	
Sheep					2.5 (2)				

North West									
Christiana, Christiana Dierehospitaal									
Beef: 3									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3, Sheep: 3									
Kroonstad, Kroonstad Dierehospitaal									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2, Sheep: 2									
Eastern Cape									
Steynsburg, Steynsburg Dierehospitaal									
Beef: 3									

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

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

Goat							1.0 (1)		
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Goat: 1									

Multi-factorial Disease Conditions

Abortions									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (4)		3.0 (1)	2.5 (2)	2.1 (7)	2.0 (6)		2.6 (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

Beef	2.0 (3)		3.0 (1)	2.5 (2)	2.0 (6)	2.0 (4)		3.0 (2)	
Dairy						2.0 (1)		2.4 (5)	
Sheep	2.0 (1)				3.0 (1)				
Goat						2.0 (1)			1.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Standerton, Econovet

Beef: 2

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 2, Sheep: 2

Limpopo

Tzaneen, ZZ2 Farm Practice

Beef: 3

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 3

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 1

Ladybrand, Ladybrand Dierekliniek

Beef: 2

Reitz, Riemland Dierehospitaal

Beef: 2

Vrede, Saulshoek Dierepraktijk

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Dundee, Endumeni Herd health

Beef: 2

Estcourt, Estcourt Vet Clinic

Dairy: 2

Kokstad, E.G.Veterinary Services

Beef: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 2, Goat: 2

Submitted to laboratory - undiagnosed.

Western Cape

Caledon, Caledon Dierekliniek

Dairy: 3

Darling, Tygerberg Dierehospitaal Darling

Beef: 3

Malmesbury, Dr Otto Kriek

Dairy: 2

Malmesbury, Invitrotech

Dairy: 1

Malmesbury, Malmesbury Dierehospitaal

Beef: 3, Dairy: 3

Swellendam, Swellendam Dierehospitaal

Dairy: 3

Northern Cape

Postmasburg, Postmasburg Dierekliniek

Goat: 1

Stillbirths									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)				2.7 (3)	2.0 (4)	2.5 (2)	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									
Beef	2.0 (1)				2.5 (2)	2.0 (3)			
Dairy								2.0 (1)	
Sheep					3.0 (1)		3.0 (1)		3.0 (1)
Goat						2.0 (1)	2.0 (1)		
Mpumalanga									
Volksrust, Cape Cross Volksrust Dierehospitaal									
Beef: 2									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3, Sheep: 3									
Ladybrand, Ladybrand Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Kokstad, E.G.Veterinary Services									
Beef: 2									
Pietermaritzburg, Veterinary House Hospital									
Beef: 2									
Unfortunately, most not sent in for testing by farmers									
Goat: 2									
Unfortunately, most not sent in for testing by farmers									
Eastern Cape									
Steynsburg, Steynsburg Dierehospitaal									
Sheep: 3, Goat: 2									
Western Cape									
Swellendam, Swellendam Dierehospitaal									
Dairy: 2									
Northern Cape									
Colesberg, Karoo Veterinary Hospital									
Sheep: 3									
<i>Corynebacterium</i> abscesses									
Abscesses									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape

Average	1.0 (2)	1.7 (3)		2.0 (1)	2.0 (7)	1.2 (6)	1.0 (1)	1.9 (8)	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

Beef	1.0 (2)			2.0 (1)	1.8 (4)	1.0 (2)		2.0 (2)	2.0 (1)
Dairy		2.0 (1)						2.0 (3)	
Sheep		1.5 (2)			2.3 (3)	1.0 (2)	1.0 (1)	1.7 (3)	
Goat						1.5 (2)			

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Bethal, Bethal Dierekliniek

Beef: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Dairy: 2

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 1

Corynebacterium pseudotuberculosis (CLA)

North West

Christiana, Christiana Dierehospitaal

Beef: 2

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 1, Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Sheep: 2

Vrede, Saulshoek Dierepraktijk

Beef: 1

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 1, Sheep: 1, Goat: 1

Estcourt, Estcourt Vet Clinic

Beef: 1, Sheep: 1, Goat: 2

Eastern Cape

Uitenhage, Uitenhage Dierehospitaal

Sheep: 1

Western Cape

Caledon, Overberg Veterinary Hospital

Dairy: 2, Sheep: 3

Ceres, Ceres Veterinary Hospital

Sheep: 1

Pituitary gland abscess

Darling, Tygerberg Dierehospitaal Darling

Beef: 2

Malmesbury, Malmesbury Dierehospitaal

Beef: 2, Dairy: 3

Oudtshoorn, Oudtshoorn Dierekliniek

Sheep: 1

Corynebacterium abscessess**Riversdale, Riversdal Dierekliniek**

Dairy: 1

Northern Cape**Kimberley, Kimberley Dierekliniek**

Beef: 2

Face abscesses

Abscesses in general

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (2)		2.0 (1)	2.7 (3)			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)	2.5 (2)			2.0 (1)	
Dairy		1.0 (1)						3.0 (1)	
Sheep		1.0 (1)			3.0 (1)				
Goat									2.0 (1)

Gauteng**Bapsfontein, Bapsfontein Dierehospitaal**

Dairy: 1

Hammanskraal, Themba Animal Clinic

Sheep: 1

North West**Brits, Brits Dierekliniek**

Beef: 2

Free State**Clocolan, Clocolan Dierekliniek**

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Western Cape**Malmesbury, Malmesbury Dierehospitaal**

Beef: 2, Dairy: 3

Northern Cape**Kuruman, Kuruman Dierekliniek**

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

Sheep							1.0 (1)	1.0 (1)	2.0 (1)
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Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic

Sheep: 1

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 1

Northern Cape

Colesberg, Karoo Veterinary Hospital

Sheep: 2

Urolithiasis in Dorper rams

Blindness



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

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

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

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 2

Free State

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Western Cape

Caledon, Overberg Veterinary Hospital

Sheep: 2

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Northern Cape

Kuruman, Kuruman Dierekliniek

Goat: 2

Bloat									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)	2.0 (2)			2.0 (2)	1.5 (2)	2.0 (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									
Beef	1.0 (1)	2.0 (2)				2.0 (1)		2.0 (1)	
Dairy						1.0 (1)	2.0 (1)	1.5 (4)	
Sheep	2.0 (1)				2.0 (2)		3.0 (1)	2.0 (1)	
Goat							1.0 (1)		
Mpumalanga									
Grootvlei, Grootvlei Dierekliniek									
Beef: 1									
Lydenburg, Longtom Dierekliniek									
Sheep: 2									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 1									
Hammanskraal, Themba Animal Clinic									
Beef: 3									
Free State									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Vrede, Saulshoek Direepraktijk									
Sheep: 2									
Closantel overdose in lambs									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Dairy: 1									
Pietermaritzburg, Veterinary House Hospital									
Beef: 2									
Feedlot - hungry arrivals.									
Eastern Cape									
Alexandria, Riverview Trading Vet Consulting Services									
Dairy: 2									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Goat: 1									
Steynsburg, Steynsburg Dierehospitaal									
Sheep: 3									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2, Sheep: 2									
Malmesbury, Invitrotech									
Dairy: 1									
One case									
Malmesbury, Malmesbury Dierehospitaal									
Beef: 2, Dairy: 2									

Riversdale, Riversdal Dierekliniek

Dairy: 1

Blood gut (sheep and goat)

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

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

Sheep					1.0 (1)		1.0 (1)		
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Free State**Clocolan, Clocolan Dierekliniek**

Sheep: 1

Eastern Cape**Witelsbos, Witelsbos Veterinary Consulting Rooms**

Sheep: 1

Blue udder

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

Beef						2.0 (1)			
Dairy						2.0 (1)		1.0 (1)	
Sheep	1.0 (1)				2.0 (3)	1.0 (1)	2.0 (2)	1.5 (2)	2.0 (1)

Mpumalanga**Volkswest, Cape Cross Volksrust Dierehospitaal**

Sheep: 1

Free State**Hoopstad, Hoopstad Dierekliniek**

Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

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

Beef: 2

Estcourt, Estcourt Vet Clinic

Dairy: 2, Sheep: 1

Eastern Cape

Steynsburg, Steynsburg Dierehospitaal

Sheep: 3

Witelsbos, Witelsbos Veterinary Consulting Rooms

Sheep: 1

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

Sheep: 1

Caledon, Overberg Veterinary Hospital

Sheep: 2

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Northern Cape**Kuruman, Kuruman Dierekliniek**

Sheep: 2

Diarrhoea

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (4)	1.5 (4)		3.0 (6)	2.3 (17)	2.0 (12)	1.5 (2)	2.6 (9)	

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

Beef	1.5 (4)	1.3 (3)		3.0 (3)	2.4 (9)	2.3 (7)		2.0 (2)	
Dairy								2.8 (6)	
Sheep		2.0 (1)		3.0 (3)	2.1 (8)	1.7 (3)	2.0 (1)	2.0 (1)	
Goat						1.5 (2)	1.0 (1)		

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Lydenburg, Longtom Dierekliniek

Beef: 1

One bull with severe diarrhoea - reacted to treatment

Volksrust, Cape Cross Volksrust Dierhospitaal

Beef: 2

Calf diarrhoea

Gauteng**Bapsfontein, Bapsfontein Dierhospitaal**

Beef: 1

Hammanskraal, Themba Animal Clinic

Beef: 1

Magaliesburg, Magaliesburg; Dr Ryan Jeffrey

Beef: 2

Calf

Sheep: 2

Lamb

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Klerksdorp, Buffeldoorn Dierehospitaal

Sheep: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 3, Sheep: 3

Stella, Stella Dierekliniek

Beef: 3, Sheep: 3

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 3, Sheep: 2

Clocolan, Clocolan Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

Parys, Parys Dierehospitaal

Beef: 3

Reitz, Riemland Dierehospitaal

Beef: 3

Seasonal, after cows started grazing green grass

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3, Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Vrede, Saulshoek Dierepraktijk

Beef: 2, Sheep: 2

Vrede, Vrede Dierehospitaal

Sheep: 2

Lambs

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1, Sheep: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2, Goat: 2

Dundee, Endumeni Herd health

Beef: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Sheep: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 3

Majority calves - informal/rural cattle

Pongola, Pongola Animal Clinic

Beef: 1, Sheep: 1, Goat: 1

Vryheid, Vryheid Privaat Veeartse

Beef: 3

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2

Uitenhage, Uitenhage Dierehospitaal

Goat: 1

Western Cape**Caledon, Caledon Dierekliniek**

Beef: 2, Dairy: 3

Caledon, Overberg Veterinary Hospital

Dairy: 3

Malmesbury, Dr Otto Kriek

Dairy: 2

Malmesbury, Invitrotech

Dairy: 3

12 cases

Malmesbury, Malmesbury Dierehospitaal

Beef: 2, Dairy: 3, Sheep: 2

Swellendam, Swellendam Dierehospitaal

Dairy: 3

Epididymitis

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

Sheep		2.0 (1)			2.0 (1)				
Goat								1.0 (1)	

Gauteng**Bronkhorstspuit, Kerkstraat Dierekliniek**

Sheep: 2

Free State**Clocolan, Clocolan Dierekliniek**

Sheep: 2

Western Cape**Riversdale, Riversdal Dierekliniek**

Goat: 1

Eye Cancer

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

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

Beef	1.0 (1)				1.0 (1)	2.0 (1)		2.0 (1)	1.0 (1)
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Dairy		2.0 (1)	2.0 (1)	2.0 (2)
Sheep		1.0 (1)		

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Free State

Bultfontein, Greylingrust Dieresprekkamer

Sheep: 1

Hertzogville, Hertzogville Dierekliniek

Dairy: 2

Kroonstad, Kroonstad Dierehospitaal

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Estcourt, Estcourt Vet Clinic

Dairy: 2

Western Cape

Caledon, Overberg Veterinary Hospital

Dairy: 2

Malmesbury, Malmesbury Dierehospitaal

Beef: 2, Dairy: 2

Northern Cape

Kuruman, Kuruman Dierekliniek

Beef: 1

Eye infections

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (6)	1.5 (4)		3.0 (8)	2.3 (16)	1.6 (12)	2.0 (1)	3.0 (6)	

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

Beef	1.8 (4)	1.5 (2)		3.0 (5)	2.4 (10)	1.7 (6)		3.0 (3)	
Dairy					1.0 (1)	1.5 (2)		3.0 (2)	
Sheep	1.5 (2)	1.5 (2)		3.0 (3)	2.4 (5)	1.0 (1)	2.0 (1)	3.0 (1)	
Goat						1.7 (3)			

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Sheep: 1

Lydenburg, Longtom Dierekliniek

Beef: 2

Moraxella bovis

Sheep: 2

Moraxella

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 1

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2, Sheep: 2

Hammanskraal, Themba Animal Clinic

Beef: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 3, Sheep: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Dust, vitamin A deficiency, *Moraxella*

Sheep: 3

Lichtenburg, Dr CM Kruger-Rall

Beef: 3

Stella, Stella Dierekliniek

Beef: 3, Sheep: 3

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 3

Bultfontein, Greylingrust Dieresprekkamer

Beef: 2, Sheep: 2

Hertzogville, Hertzogville Dierekliniek

Dairy: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 3, Sheep: 2

Ladybrand, Ladybrand Dierekliniek

Beef: 2

Parys, Parys Dierehospitaal

Beef: 3

Reitz, Riemland Dierehospitaal

Beef: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3, Sheep: 3

Vrede, Saulshoek Direpraktik

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1, Sheep: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Bergville, Tugela Vet Clinic

Beef: 1, Goat: 1

Dundee, Endumeni Herd health

Beef: 1, Dairy: 2

Estcourt, Estcourt Vet Clinic

Beef: 1, Dairy: 1, Sheep: 1, Goat: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Vryheid, Vryheid Privaat Veeartse

Beef: 2

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2

Western Cape

Caledon, Overberg Veterinary Hospital

Sheep: 3

Darling, Tygerberg Dierehospitaal Darling

Beef: 3

Pink eyes

Dairy: 3

Pink eyes

Malmesbury, Malmesbury Dierehospitaal

Beef: 3, Dairy: 3

Worcester, Durban Straat Dierekliniek Worcester

Beef: 3

Joint Ill

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

Beef	1.7 (3)				1.0 (1)	2.0 (2)		1.5 (2)	
Dairy		1.0 (1)						2.0 (1)	
Sheep					2.0 (1)		2.0 (1)	2.0 (1)	

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Dairy: 1

Free State

Ladybrand, Ladybrand Dierekliniek

Sheep: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

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

Beef: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 2

calves

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

Sheep: 2

Western Cape**Darling, Tygerberg Dierehospitaal Darling**

Beef: 1

Malmesbury, Malmesbury Dierehospitaal

Beef: 2, Dairy: 2, Sheep: 2

Lameness/Foot Problems

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.6 (5)	1.8 (4)		3.0 (1)	1.8 (4)	1.8 (4)		2.1 (8)	

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

Beef	1.8 (4)	2.0 (3)		3.0 (1)	1.8 (4)	2.0 (2)		2.0 (2)	
Dairy						1.0 (1)		2.0 (4)	
Sheep	1.0 (1)	1.0 (1)						2.5 (2)	
Goat						2.0 (1)			

Mpumalanga**Grootvlei, Grootvlei Dierekliniek**

Beef: 2

Middelburg , Middelburg Dierehospitaal

Beef: 1, Sheep: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Volkstrust, Cape Cross Volksrust Dierehospitaal

Beef: 2

Gauteng**Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 1

Hammanskraal, Themba Animal Clinic

Beef: 3

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 2, Sheep: 1

North West**Christiana, Christiana Dierehospitaal**

Beef: 3

Free State**Bultfontein, Greylingrust Dieresprekkamer**

Beef: 2

Ladybrand, Ladybrand Dierekliniek

Beef: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Estcourt, Estcourt Vet Clinic

Dairy: 1

Pietermaritzburg, Veterinary House Hospital

Beef: 2, Goat: 2

Rural goat herds

Western Cape

Caledon, Overberg Veterinary Hospital

Beef: 2, Dairy: 1

Malmesbury, Invitrotech

Dairy: 3

17 Cases

Malmesbury, Malmesbury Dierehospitaal

Beef: 2, Dairy: 3, Sheep: 2

Moorreesburg, Tygerberg mooreesburg

Sheep: 3

Lameness 1; Foot rot 3

Riversdale, Riversdal Dierekliniek

Dairy: 1

Lung infection



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.6 (9)	1.5 (2)	2.4 (5)	2.3 (7)	2.3 (13)	1.8 (12)	1.0 (1)	2.0 (10)	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	1.6 (5)		2.0 (3)	2.0 (3)	2.3 (8)	1.7 (6)	1.0 (1)	2.0 (1)	2.0 (1)
Dairy						2.5 (2)		1.8 (6)	
Sheep	1.5 (4)	1.0 (1)	3.0 (1)	2.7 (3)	2.4 (5)	1.7 (3)		2.5 (2)	
Goat		2.0 (1)	3.0 (1)	2.0 (1)		1.0 (1)		2.0 (1)	

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2, Sheep: 1

Pasteurellosis

Bethal, Bethal Dierekliniek

Beef: 1, Sheep: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 2, Sheep: 2

Lydenburg, Longtom Dierekliniek

Sheep: 2

Pasteurellosis, seen at necropsy

Piet Retief, Pets Vet Hospital

Beef: 1

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 2

Gauteng

Hammanskraal, Themba Animal Clinic

Sheep: 1, Goat: 2

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3, Sheep: 3, Goat: 3

Mokopane, Dr Henk Visser

Beef: 1

Tzaneen, ZZ2 Farm Practice

Beef: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 3, Sheep: 3

Klerksdorp, Buffeldoorn Dierehospitaal

Sheep: 3

Cold weather

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 1

Pasteurella multocida type B, Bovine - One case where the dead animal was sent to Prof Prozesky, confirmed the disease in cattle. Occurrence very sporadic. High mortality rate in animals treated, even if caught early.

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 2

Variation between day and night temperatures

Sheep: 2, Goat: 2

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 2

Bloemfontein, Dr Stephan Wessels

Beef: 2

Bultfontein, Greylingrust Dieresprekkamer

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Parys, Parys Dierehospitaal

Beef: 2

Salmonella Dublin in calves - 2 died out of group of 25. Three calves treated and recovered. Morbidity 25%.

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3, Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Vrede, Vrede Dierehospitaal

Beef: 2, Sheep: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Bergville, Tugela Vet Clinic

Beef: 1, Sheep: 1, Goat: 1

Dundee, Endumeni Herd health

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 1, Dairy: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 2, Sheep: 2

Pongola, Pongola Animal Clinic

Sheep: 2

Pasteurellosis - Veldt animals, unusual for Pongola. Fluctuating temperatures?

Underberg, Underberg Veterinary Surgery

Dairy: 3

Cows and calves, season changes every 6 hours

Vryheid, Vryheid Privaat Veeartse

Beef: 2

Eastern Cape**Humansdorp, Humansdorp Veterinary Clinic**

Beef: 1

Western Cape**Caledon, Caledon Dierekliniek**

Dairy: 2

Caledon, Overberg Veterinary Hospital

Sheep: 3

Darling, Tygerberg Dierehospitaal Darling

Dairy: 3

Malmesbury, Dr Otto Kriek

Dairy: 1

Malmesbury, Invitrotech

Dairy: 1

One case

Malmesbury, Malmesbury Dierehospitaal

Beef: 2, Dairy: 3

Moorreesburg, Tygerberg mooreesburg

Sheep: 2

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Wellington, Wellington Dierehospitaal

Goat: 2

Pasteurellosis

Northern Cape**Upington, Upington Veeartsenykliniek**

Beef: 2

Warm days, cold nights, wind

Mastitis in general									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)			1.0 (2)	2.5 (2)	1.9 (7)	2.0 (1)	2.2 (12)	1.5 (2)

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

Beef	1.0 (2)	1.0 (2)	3.0 (1)	1.6 (5)	1.5 (2)	1.0 (1)
Dairy		2.0 (1)	3.0 (1)		2.3 (10)	
Sheep			2.0 (1)	2.0 (1)		2.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 1

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 1

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 3

Hertzogville, Hertzogville Dierekliniek

Dairy: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 1

Camperdown, Camperdown Vet Clinic

Beef: 1

Estcourt, Estcourt Vet Clinic

Dairy: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 2, Sheep: 2

Rural farmers

Pongola, Pongola Animal Clinic

Beef: 2

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2

Western Cape

Caledon, Caledon Dierekliniek

Dairy: 3

Caledon, Overberg Veterinary Hospital

Dairy: 3

Darling, Tygerberg Dierehospitaal Darling

Dairy: 2

George, Dr Mark Chimes

Dairy: 2

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Malmesbury, Dr Otto Kriek

Dairy: 1

Malmesbury, Invitrotech

Dairy: 3

Mastitis, 33 new cases

Malmesbury, Malmesbury Dierehospitaal

Beef: 2, Dairy: 3

Riversdale, Riversdal Direkliniek

Dairy: 1

Swellendam, Swellendam Dierehospitaal

Dairy: 3

Worcester, Durban Straat Direkliniek Worcester

Beef: 1

Northern Cape

Kathu, Kathu Direkliniek

Beef: 1

Kuruman, Kuruman Direkliniek

Sheep: 2

Navel Ill

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

Beef	1.0 (1)	2.0 (1)			1.0 (1)	1.5 (2)			
Dairy								2.0 (2)	
Sheep							2.0 (1)		

Mpumalanga

Balfour, Balfour Direkliniek

Beef: 1

Gauteng

Bronkhorstspuit, Kerkstraat Direkliniek

Beef: 2

Free State

Clocolan, Clocolan Direkliniek

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 1

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Dairy: 2

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 2

Red gut (Sheep)

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

Sheep					2.0 (1)				
Goat	2.0 (1)						1.0 (1)		

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Goat: 2

Free State

Clocolan, Clocolan Dierekliniek

Sheep: 2

Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 1

Trauma



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

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

Beef		1.0 (1)							
Dairy								1.0 (1)	
Sheep	1.0 (1)	1.0 (1)							
Goat		1.0 (1)				1.0 (1)			

Mpumalanga

Lydenburg, Longtom Dierekliniek

Sheep: 1

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

Fractures; Dislocated jaw

Sheep: 1

Fractures

Goat: 1

Fractures

Kwazulu-Natal

Camperdown, Camperdown Vet Clinic

Goat: 1

Mauled by dog

Western Cape

Dairy: 1

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

Mpumalanga

Beef: 1

Beef: 1

Bapsfontein, Bapsfontein Dierhospitaal

Beef: 1

Beef: 2

Beef: 3, Sheep: 1

Beef: 1

Leeudoringstad, Leeudoringstad Diereklíníek

Beef: 1

Cow after calving

Clocolan, Clocolan Dierekliniek

Beef: 1, Dairy: 1

Beef: 2

Sheep: 2

Estcourt, Estcourt Vet Clinic

Dairy: 2

Beef: 2

Around calving

Caledon, Caledon Dierekliniek

Dairy: 1

Caledon, Overberg Veterinary Hospital

Dairy: 2

Malmesbury, Invitrotech

Dairy: 2

Seven cases

Swellendam, Swellendam Dierehospitaal

Dairy: 2

Northern Cape**Kuruman, Kuruman Dierekliniek**

Beef: 2

Traumatic Reticulo-pericarditis

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)	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)	1.0 (1)				2.0 (1)	1.0 (1)		
Dairy								2.0 (1)	

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 1

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

Beef: 1

Kwazulu-Natal**Vryheid, Vryheid Privaat Veeartse**

Beef: 2

Eastern Cape**Cofimvaba, State Vet Cofimvaba**

Beef: 1

Western Cape**Darling, Tygerberg Dierehospitaal Darling**

Dairy: 2

Other

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

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

Beef		1.0 (1)					1.0 (1)		
Dairy								3.0 (1)	
Sheep									1.0 (1)

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

Beef: 1

Udder oedema

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Beef: 1

Western Cape

Malmesbury, Invitrotech

Dairy: 3

Fever, five cases; rumenal stasis, 3 cases; 182 cows culled; 47 deaths

Northern Cape

Kimberley, Kimberley Dierekliniek

Sheep: 1

Meningitis

Metabolic Diseases

Acidosis



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (4)	1.7 (3)	2.0 (1)	2.0 (3)	2.1 (7)	2.3 (3)	1.0 (2)	2.0 (6)	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 (2)	2.0 (2)	2.0 (1)	2.0 (1)	2.0 (4)	2.0 (1)	1.0 (1)	2.0 (1)	
Dairy		1.0 (1)			1.0 (1)	2.0 (1)		2.5 (2)	
Sheep	1.0 (1)			2.0 (2)	3.0 (2)	3.0 (1)		2.0 (2)	2.0 (1)
Goat	2.0 (1)						1.0 (1)	1.0 (1)	

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Beef: 1, Sheep: 1

Nelspruit, Nelspruit Animal Hospital

Goat: 2

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 1

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

Hammanskraal, Themba Animal Clinic

Beef: 3, Dairy: 1

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 2

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 2

Maize fields

Bronkhorstspuit, Kerkstraat Dierekliniek

Dairy: 1

Limpopo**Mokopane, Dr Henk Visser**

Beef: 1

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

Dairy: 2

Estcourt, Estcourt Vet Clinic

Dairy: 1

Western Cape**Malmesbury, Malmesbury Dierehospitaal**

Dairy: 2

Ketosis

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.8 (4)			2.5 (2)	

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

Dairy								3.0 (1)	
Sheep					1.8 (4)			2.0 (1)	

Free State**Hoopstad, Hoopstad Dierekliniek**

Sheep: 2

Reitz, Riemland Dierehospitaal

Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Western Cape**Caledon, Overberg Veterinary Hospital**

Sheep: 2

Malmesbury, Malmesbury Dierehospitaal

Dairy: 3

Milk Fever

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

Beef		1.0 (1)	1.5 (2)	1.0 (1)
Dairy	1.0 (1)	1.0 (1)	2.0 (1)	2.0 (3)

Mpumalanga

Lydenburg, Longtom Dierekliniek

Dairy: 1

Free State

Ficksburg, Oosvrystaat Diere Produkte

Dairy: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Estcourt, Estcourt Vet Clinic

Dairy: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 1

Western Cape

Malmesbury, Invitrotech

Dairy: 2

Two cases

Malmesbury, Malmesbury Dierehospitaal

Dairy: 3

Riversdale, Riversdal Dierekliniek

Dairy: 1

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Reproductive diseases

Dystocia (Difficult Births)



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.1 (10)	2.1 (10)	2.0 (4)	2.4 (7)	2.3 (28)	2.4 (11)	1.5 (10)	1.8 (15)	1.8 (6)

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

Beef	2.1 (8)	2.3 (6)	2.0 (3)	2.4 (7)	2.5 (17)	2.4 (10)	1.6 (7)	1.6 (5)	2.0 (4)
Dairy					1.5 (2)	2.0 (1)	2.0 (1)	2.0 (8)	
Sheep	2.0 (2)	2.0 (2)	2.0 (1)		2.1 (9)		1.0 (1)	1.5 (2)	
Goat		1.5 (2)					1.0 (1)		1.5 (2)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2, Sheep: 2

Bethal, Bethal Dierekliniek

Beef: 2, Sheep: 2

Grootvlei, Grootvlei Dierekliniek

Beef: 3

Lydenburg, Longtom Dierekliniek

Beef: 1

Middelburg, Middelburg Dierehospitaal

Beef: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Standerton, Econovet

Beef: 2

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 3

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2, Sheep: 2, Goat: 2

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2, Sheep: 2

Hammanskraal, Themba Animal Clinic

Beef: 3

Magaliesburg, Magaliesburg; Dr Ryan Jeffrey

Beef: 3

Nigel, Welgelegen Dierekliniek

Beef: 2

Cows in poor condition

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 2, Goat: 1

Limpopo

Modimolle, Kranskop Dierekliniek

Beef: 2, Sheep: 2

Mokopane, Dr Henk Visser

Beef: 2

Tzaneen, ZZ2 Farm Practice

Beef: 2

North West

Brits, Brits Dierekliniek

Beef: 2

Christiana, Christiana Dierehospitaal

Beef: 3

Klerksdorp, Buffeldoorn Dierehospitaal

Beef: 1

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Cows in poor condition

Stella, Stella Dierekliniek

Beef: 3

Vryburg, Vryburg Dierehospitaal

Beef: 2

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 3

Bloemfontein, Dr Stephan Wessels

Beef: 2

Bultfontein, Greylingrust Dieresprekkamer

Beef: 2

Clocolan, Clocolan Direkliniek

Beef: 3, Dairy: 1, Sheep: 2

Dewetsdorp, Platkop Direkliniek

Beef: 2, Sheep: 2

Ficksburg, Oosvrystaat Diere Produkte

Beef: 3, Dairy: 2, Sheep: 2

Frankfort, Frankfort Direkliniek

Beef: 3

Gariepdam, Gariep Direkliniek

Sheep: 2

Hertzogville, Hertzogville Direkliniek

Beef: 2

Hoopstad, Hoopstad Direkliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 3

Memel, Memel Veterinary Clinic

Beef: 2

Parys, Parys Dierehospitaal

Beef: 2

Reitz, Riemland Dierehospitaal

Beef: 3, Sheep: 2

Viljoenskroon, Viljoenskroon Direkliniek

Beef: 3, Sheep: 3

Villiers, Wilgepoort Direkliniek Vennootskap

Beef: 2, Sheep: 2

Vrede, Saulshoek Direpraktyk

Beef: 2

Wesselsbron, Wesselsbron Direkliniek

Beef: 2, Sheep: 1

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

Beef: 3

Dundee, Endumeni Herd health

Beef: 3

Estcourt, Estcourt Vet Clinic

Beef: 2, Dairy: 2

Kokstad, E.G.Veterinary Services

Beef: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Newcastle, Ncanduvet Newcastle

Beef: 3

Pietermaritzburg, Veterinary House Hospital

Beef: 2

End of calving season. BCS in most cases <2.5/5 was a mitigating factor.

Pongola, Pongola Animal Clinic

Beef: 1

Underberg, Underberg Veterinary Surgery

Beef: 3

Highest amount seen for many seasons

Vryheid, Vryheid Privaat Veeartse

Beef: 2

Eastern Cape**Aliwal North, Hertzogbrug Dierekliniek**

Beef: 2

Cofimvaba, State Vet Cofimvaba

Beef: 1

Graaff-Reinet, Camdeboo Veterinary Clinic

Beef: 1

Humansdorp, Humansdorp Veterinary Clinic

Beef: 3

Queenstown, Queenstown Veterinary clinic

Beef: 1

Steynsburg, Steynsburg Dierehospitaal

Beef: 2, Dairy: 2

Uitenhage, Uitenhage Dierehospitaal

Beef: 1, Sheep: 1, Goat: 1

Western Cape**Caledon, Caledon Dierekliniek**

Dairy: 1

Caledon, Overberg Veterinary Hospital

Beef: 2, Dairy: 2, Sheep: 2

Ceres, Ceres Veterinary Hospital

Beef: 1, Sheep: 1

Darling, Tygerberg Dierehospitaal Darling

Dairy: 1

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 3

Malmesbury, Dr Otto Kriek

Dairy: 3

Malmesbury, Invitrotech

Dairy: 2

Six cases

Malmesbury, Malmesbury Dierehospitaal

Beef: 2, Dairy: 2

Moorreesburg, Tygerberg mooreesburg

Beef: 1

Stellenbosch, Stellenbosch Animal Hospital

Beef: 2

Swellendam, Swellendam Dierehospitaal

Dairy: 2

Northern Cape**Kathu, Kathu Dierekliniek**

Beef: 2

Kuruman, State Vet Kuruman

Beef: 3

Weekly cases

Postmasburg, Postmasburg Dierekliniek

Beef: 2, Goat: 2

Upington, Upington Veeartsenykliniek

Beef: 1, Goat: 1

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (2)	2.0 (2)		2.6 (7)	

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)	
Dairy					1.0 (1)	2.0 (2)		2.5 (6)	

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 1

Clocolan, Clocolan Dierekliniek

Dairy: 1

Kwazulu-Natal

Dundee, Endumeni Herd health

Dairy: 2

Estcourt, Estcourt Vet Clinic

Dairy: 2

Western Cape

Caledon, Caledon Dierekliniek

Dairy: 3

Caledon, Overberg Veterinary Hospital

Dairy: 2

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 3

Malmesbury, Malmesbury Dierehospitaal

Dairy: 3

Riversdale, Riversdal Dierekliniek

Dairy: 1

Swellendam, Swellendam Dierehospitaal

Dairy: 3

Worcester, Durban Straat Dierekliniek Worcester

Beef: 3

Metritis



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 (3)	2.0 (3)	1.5 (2)	2.0 (3)	2.0 (8)	

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

Beef	1.0 (1)	1.0 (1)		2.0 (3)	2.5 (2)	1.5 (2)	1.0 (1)	2.0 (1)	
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Dairy	1.0 (1)	3.0 (1)	2.0 (7)
Goat		2.0 (1)	
Mpumalanga			
Balfour, Balfour Dierekliniek			
Beef: 1			
Gauteng			
Bronkhorstspuit, Kerkstraat Dierekliniek			
Beef: 1			
North West			
Christiana, Christiana Dierehospitaal			
Beef: 2			
Leeudoringstad, Leeudoringstad Dierekliniek			
Beef: 3			
Lichtenburg, Dr CM Kruger-Rall			
Beef: 1			
Free State			
Bloemfontein, Dr Stephan Wessels			
Beef: 3			
Clocolan, Clocolan Dierekliniek			
Dairy: 1			
Memel, Memel Veterinary Clinic			
Beef: 2			
Kwazulu-Natal			
Pietermaritzburg, Veterinary House Hospital			
Beef: 1			
Vryheid, Vryheid Privaat Veeartse			
Beef: 2			
Eastern Cape			
Graaff-Reinet, Graaff Reinet Veterinary Clinic			
Goat: 2			
Kareedouw, Tenax Vet Clinic			
Dairy: 3			
82 cases			
Uitenhage, Uitenhage Dierehospitaal			
Beef: 1			
Western Cape			
Caledon, Caledon Dierekliniek			
Dairy: 3			
Darling, Tygerberg Dierehospitaal Darling			
Dairy: 2			
Malmesbury, Dr Otto Kriek			
Dairy: 1			
Malmesbury, Invitrotech			
Dairy: 2			
Seven cases			
Malmesbury, Malmesbury Dierehospitaal			
Beef: 2, Dairy: 3			
Riversdale, Riversdal Dierekliniek			
Dairy: 1			
Swellendam, Swellendam Dierehospitaal			
Dairy: 2			
Poor conception			^

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

Beef	1.0 (1)				1.7 (3)	2.0 (1)		2.0 (2)	
Dairy								2.0 (3)	

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 2

Kroonstad, Kroonstad Dierehospitaal

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Western Cape

Caledon, Caledon Dierekliniek

Beef: 2, Dairy: 2

Malmesbury, Dr Otto Kriek

Dairy: 1

Malmesbury, Malmesbury Dierehospitaal

Dairy: 3

Worcester, Durban Straat Dierekliniek Worcester

Beef: 2

Retained afterbirth



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (3)	1.7 (3)		2.0 (2)	1.5 (6)	2.0 (3)		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

Beef	1.5 (2)	1.7 (3)		2.0 (2)	1.5 (6)	2.0 (3)			2.0 (1)
Dairy								2.0 (4)	
Goat	1.0 (1)								

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Goat: 1									
Nelspruit, Nelspruit Animal Hospital									
Beef: 2									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Hammanskraal, Themba Animal Clinic									
Beef: 1									
North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 3									
Lichtenburg, Dr CM Kruger-Rall									
Beef: 1									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 2									
Bultfontein, Greylingsrust Dieresprekkamer									
Beef: 1									
Hertzogville, Hertzogville Dierekliniek									
Beef: 2									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1									
Kroonstad, Kroonstad Dierehospitaal									
Beef: 2									
Vrede, Saulshoek Dierepraktyk									
Beef: 1									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Pietermaritzburg, Veterinary House Hospital									
Beef: 2									
Vryheid, Vryheid Privaat Veeartse									
Beef: 2									
Western Cape									
Caledon, Caledon Dierekliniek									
Dairy: 1									
Darling, Tygerberg Dierehospitaal Darling									
Dairy: 2									
Malmesbury, Dr Otto Kriek									
Dairy: 2									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 3									
Northern Cape									
Kuruman, Kuruman Dierekliniek									
Beef: 2									
Sheath Prolaps									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape

Average	1.5 (2)		1.5 (2)	1.0 (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

Beef	1.5 (2)		1.5 (2)	1.0 (2)	2.0 (1)
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Mpumalanga

Lydenburg, Longtom Dierekliniek

Beef: 1

Penile sheath prolapse

Nelspruit, Nelspruit Animal Hospital

Beef: 2

North West

Brits, Brits Dierekliniek

Beef: 1

Vryburg, Vryburg Dierehospitaal

Beef: 2

Free State

Ficksburg, Oosvrystaat Diere Produkte

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Uterus prolaps



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)	1.3 (3)	1.5 (2)	2.0 (3)	2.0 (15)	1.8 (4)	1.0 (1)	1.3 (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

Beef	1.7 (3)	2.0 (1)	1.5 (2)	2.0 (2)	2.2 (10)	1.8 (4)			2.0 (2)
Dairy				2.0 (1)	1.0 (1)		1.0 (1)	1.3 (3)	
Sheep		1.0 (2)			1.8 (4)			1.0 (1)	

Mpumalanga

Bethal, Bethal Dierekliniek

Beef: 2

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 1

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2, Sheep: 1

Limpopo**Mokopane, Dr Henk Visser**

Beef: 1

Tzaneen, ZZ2 Farm Practice

Beef: 2

North West**Brits, Brits Dierekliniek**

Beef: 2

Rustenburg, Bergbos Dierekliniek

Dairy: 2

Vryburg, Vryburg Dierehospitaal

Beef: 2

Free State**Bultfontein, Greylingrust Dieresprekkamer**

Sheep: 1

Clocolan, Clocolan Dierekliniek

Beef: 2

Ficksburg, Oosvrystaat Diere Produkte

Beef: 2, Dairy: 1, Sheep: 1

Frankfort, Frankfort Dierekliniek

Beef: 3

Hertzogville, Hertzogville Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Ladybrand, Ladybrand Dierekliniek

Beef: 2

Memel, Memel Veterinary Clinic

Beef: 2

Reitz, Riemland Dierehospitaal

Beef: 2, Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Vrede, Saulshoek Direpraktik

Beef: 2

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

Beef: 2

Dundee, Endumeni Herd health

Beef: 2

Kokstad, E.G.Veterinary Services

Beef: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 1

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

Dairy: 1

Western Cape**Caledon, Overberg Veterinary Hospital**

Dairy: 1, Sheep: 1

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Riversdale, Riversdal Dierekliniek

Dairy: 1

Northern Cape

Kuruman, Kuruman Dierekliniek

Beef: 2

Postmasburg, Postmasburg Dierekliniek

Beef: 2

Vaginal (Cervical) prolaps



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (4)	1.4 (7)	1.0 (1)	2.5 (2)	2.1 (14)	1.7 (6)	1.5 (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

Beef	1.7 (3)	1.7 (3)	1.0 (1)	2.5 (2)	2.2 (10)	1.8 (5)	1.5 (2)		
Dairy						1.0 (1)			
Sheep	1.0 (1)	1.3 (3)			1.8 (4)			1.0 (2)	
Goat		1.0 (1)							

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 1

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2, Sheep: 1

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2, Sheep: 2

Hammanskraal, Themba Animal Clinic

Beef: 1

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 1, Goat: 1

Limpopo

Mokopane, Dr Henk Visser

Beef: 1

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

After calving - energy and protein deficiency

Vryburg, Vryburg Dierehospitaal

Beef: 2

Free State									
Bultfontein, Greylingrust Dierespreekkamer									
Sheep: 1									
Clocolan, Clocolan Dierekliniek									
Beef: 2									
Ficksburg, Oosvrystaat Dier Produkte									
Beef: 2, Sheep: 2									
Hertzogville, Hertzogville Dierekliniek									
Beef: 2									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3, Sheep: 2									
Kroonstad, Kroonstad Dierehospitaal									
Beef: 3									
Ladybrand, Ladybrand Dierekliniek									
Beef: 2									
Memel, Memel Veterinary Clinic									
Beef: 2									
Reitz, Riemland Dierehospitaal									
Beef: 3									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2, Sheep: 2									
Vrede, Saulshoek Dierpraktijk									
Beef: 1									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Dundee, Endumeni Herd health									
Beef: 2									
Estcourt, Estcourt Vet Clinic									
Beef: 1, Dairy: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Pietermaritzburg, Veterinary House Hospital									
Beef: 2									
Eastern Cape									
Aliwal North, Hertzogbrug Dierekliniek									
Beef: 2									
Cofimvaba, State Vet Cofimvaba									
Beef: 1									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 1									
Riversdale, Riversdal Dierekliniek									
Sheep: 1									
Climatical Cause									
Cold exposure									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						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

Sheep		1.0 (1)
Goat		1.0 (1)

Kwazulu-Natal

Pongola, Pongola Animal Clinic

Sheep: 1, Goat: 1

Drought

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

Beef							2.0 (1)		2.5 (2)
Sheep									2.0 (1)
Goat									2.0 (1)

Eastern Cape

Aliwal North, Hertzogbrug Dierekliniek

Beef: 2

Northern Cape

Kuruman, State Vet Kuruman

Beef: 3

Drought increasing - farmers getting very worried

Postmasburg, Postmasburg Dierekliniek

Beef: 2, Sheep: 2, Goat: 2

Heat stress

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					3.0 (2)			2.3 (3)	

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

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

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Beef: 2, Dairy: 3, Sheep: 2

Lightning

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

Beef	1.0 (2)				2.0 (2)	1.0 (2)			
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Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 1

Middelburg , Middelburg Dierehospitaal

Beef: 1

Free State**Frankfort, Frankfort Dierekliniek**

Beef: 2

Vrede, Saulshoek Dierepraktyk

Beef: 2

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

Beef: 1

Newcastle, Ncanduvet Newcastle

Beef: 1

Frozen to death

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

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

Sheep					1.0 (1)				
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Free State**Reitz, Riemland Dierehospitaal**

Sheep: 1

A farm where 103 ewes died after shearing, rain and sudden cold

Non specific diseases**Preditors**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.7 (3)			2.5 (4)	3.0 (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									
Beef		1.0 (1)			2.0 (2)			1.0 (1)	
Sheep		2.0 (1)			3.0 (2)	3.0 (1)	1.0 (1)		
Goat		2.0 (1)							

Gauteng

Bapsfontein, Bapsfontein Dierhospitaal

Beef: 1, Sheep: 2

Hammanskraal, Themba Animal Clinic

Goat: 2

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2, Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 3

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Sheep: 3

Eastern Cape

Cofimvaba, State Vet Cofimvaba

Sheep: 1

Dogs killed 16 sheep in one flock in one night.

Western Cape

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Sabotage - Theft



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.9 (9)	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					3.0 (4)	2.0 (1)			
Dairy					2.0 (1)				
Sheep					3.0 (4)				

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	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									
Beef	2.0 (1)				2.0 (1)				
Sheep					2.0 (1)				
Mpumalanga									
Volksrust, Cape Cross Volksrust Dierehospitaal									
Beef: 2									
Free State									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2, Sheep: 2									