

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

August 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 (120) submitted reports during August 2018:

Mpumalanga (9)

Balfour – Dr. Louis van Jaarsveld

Bethal – Dr. Hardus Pieters

Ermelo – Dr. Ben Potgieter

Grootvlei – Dr. Neels van Wyk

Karino – Dr. Silke Pfitzer

Middelburg – Drs. Erasmus, Malan and Bernitz

Nelspruit – Dr. André Beytel

Piet Retief – Drs. Niebuhr and Weber

Volkstrust – Dr. Johan Blaauw

Gauteng (7)

Bronkhorstspuit – Dr. De Bruin, De Bruin and Labuschagne

Hammanskraal – Dr. Hentie Engelbrecht

Magaliesburg – Dr. Ryan Jeffery

Nigel – Dr. Cindy van der Westhuizen

Onderstepoort Veterinary Academic Hospital – Proff. Annandale, Shakespear, Holm, Pettey and Drs, Fitte, Grobler, Hamman, Koeppel, Leask, Mab, 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, Kilian, Bester and Herbst

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 (10)

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

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

Stella - Dr. Magdaleen Vosser

Ventersdorp/ Koster –Drs. Benadé and Van der Merwe

Vryburg – Dr. Jurie Kritzing

Free State (20)

Bethlehem – Drs. Strydom and Strydom

Clocolan – Drs. Wasserman and Basson

Dewetsdorp – Dr. Marike Badenhorst

Excelsior/Ladybrand – Drs. Dedré Nel and De Vos

Ficksburg – Drs. Kotzé and Coetzer

Frankfort - Drs. Lessing, Cilliers and Janse van Rensburg

Gariep Dam – Dr. Marni Malan Strauss

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

Viljoenskroon – Dr. Johan Kahts

Villiers – Drs. Hattingh and Hauptfleisch

Vrede – Drs. Myburgh, Bester-Cloete and Bester

Wesselsbron – Dr. Johan Jacobs

Zastron – Drs. Troskie and Strauss

KwaZulu-Natal (13)

Bergville - Dr. Ariena Shepherd

Bergville – Dr. Jubie Muller

Camperdown – Dr. Anthony van Tonder

Dundee – Drs. Marais, Fynn and Reynolds

Eshowe – Drs. Pryke and Hoffman

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

Kokstad – Drs. Clowes and Shrides

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

Mtubatuba – Dr. Trever Viljoen

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

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

Jeffreys Bay – Drs. Lategan, Hoek and McFarlane

Middelburg/Steynsburg – Drs. Van Rooyen and Viljoen

Port Alfred – Dr. Leon de Bruyn

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

Somerset East – Drs. Farrel, Louw and Ross

Stutterheim – Dr. Dave Waterman

Uitenhage – Drs. Mulder and Krüger

Witelsbos – Dr. Elmien Kotze

Western Cape (23)

Beaufort West - Dr. Jaco Pienaar

Beaufort West – Dr. Bennie Grobler

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 and Senekal

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
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 (7)

Calvinia – Dr. Bertus Nel
Colesberg – Drs. Rous and Rous
De Aar – Dr. Donald Anderson
Kathu – Dr. Jan Vorster
Kimberley – Drs. Van Heerden and Swart
Postmasburg – Dr. Boeta van der Merwe
Upington – Drs. Vorster and Visser

Feedlots (1)

Drs. Morris and Du Preez

Laboratory reports (5)

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

Summary

WORLD ANIMAL WELFARE DAY

October 6th is World Animal Welfare day. Whether it's livestock or other animals, all of us who deal with animals should ask ourselves some questions. What am I doing to maintain or improve the welfare of animals? Could I do more? Am I active enough in encouraging and persuading others to care better for their animals? Where are the biggest problems, and how can they be overcome?

Livestock Welfare, production and profitability are largely interlinked and so looking after welfare does not come at the price of a good farm management, in fact looking after welfare also benefits production and profits.

We at Livestock Welfare Coordinating Committee would like to know what you (or your organisation) do to promote the compassionate and caring management of livestock under your control – please email us at secretary@lwcc.org.za.

Gareth Bath
Professor Emeritus
Chair: LWCC

IMPORTANT MESSAGE

Animal welfare becomes more and more important!

**Visit the website of the Livestock Welfare Coordinating Committee
(www.lwcc.co.za)**

Animal Identification, Tracibility and Disease control

I recently attended the Red Meat Producers Organization's national congress and the ALPHA EXPO in Parys. Common goals expressed are that we should get our house in order so that producers can export meat.

Trading partners need to know that South Africa has a system in place where animals are identified on a central data base and movement can be traced. A public private process is on its way putting this system in place.

All of us (Farmers, State and Private Veterinarians) should all work together to make sure that diseases such as Foot and Mouth Disease and other controlled and notifiable diseases are eradicated and/or under control!

Visit the veterinary strategy for action plans

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

<http://nahf.co.za/controlled-and-notifiable-diseases/>

It is in the interest of all cattle farmers to ensure that herds (bulls) are free of trichomonosis! This is an area disease.

Breeding societies should get Vendor's declarations in place and buyers should demand declarations when buying animals!

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

VENDOR DECLARATION BOVINE BRUCELLOSIS

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

| | | | | |
|---|--|------|------------|------|
| 1 | The cattle for sale are clearly and permanently identified | | Yes | No |
| 2 | The cattle for sale/slaughter were born on my farm | | Yes | No |
| 3 | The farm has a closed herd policy i.e. I do not buy in cattle, rent out grazing or speculate with cattle | | Yes | No |
| 4 | I practice bio-security on my farm to a level that is ** | Poor | Moderate | Good |
| 5 | I vaccinate my heifer calves against Bovine Brucellosis once between the ages of 4 – 8 months | | Yes | No |
| 6 | In addition, I vaccinate my cattle older than 8 months with RB51 | | Yes | No |
| 7 | I have all the cattle on my farm tested for ovine 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 ORANJE-FREESBURG
UNIVERSITY OF PRETORIA
UNIVERSITAT VAN ORANJE-FREESBURG



RUVASA
Rural Veterinary Association of South Africa



In May there had been an outbreak of Rift Valley Fever in the Jacobsdal area of the Free State. Be prepared for the next outbreak in your area!!

Rift Valley Fever is a zoonotic disease.

“The symptoms are suggestive of influenza, have a rapid onset and consist of rigors, fever, headache and pain in muscles, back and joints. Many people recover uneventfully but a variable percentage may develop more severe symptoms, the liver may be affected and the patient is inclined to haemorrhage. Several other symptoms may also follow infection, including involvement of the eyes.”
(J H du Preez, et al, 2017)

Farmers are advised to vaccinate their animals against Rift Valley Fever. Live vaccines can only be used in non-pregnant animals as the live vaccine can cause abortions.

Only dead inactivated vaccines must be used in pregnant animals.

Please take care when vaccines are administered after outbreaks have been detected. Use a sterile needle for each animal as the virus can be spread between animals if the animals are in the incubation period. Animals in the incubation period will have a virus infection but will not show symptoms of the disease yet.

Bovine brucellosis control should continuously be on the mind of every cattle and game farmer!

Get involved in controlling Bovine Brucellosis – visit www.nahf, click on Information centre, click on Brucellosis.

Why should I test my cattle for brucellosis?

Brucellosis is a herd disease – this means if you even have a single infected animal, it affects the status of your whole herd! An infected cow will rapidly infect the rest of your herd if not identified and slaughtered before calving.

Brucellosis causes reproduction and production losses in affected herds, which decreases financial turnover.

Brucellosis is a misleading disease as abortions may not always occur, abortions are not always noticed and affected cattle may appear visibly healthy. Only through testing can brucellosis be confirmed.

The disease is a zoonosis which can infect you, your family and your workers. Infection may lead to chronic and debilitating disease.

If you have recently bought in animals from an auction or a herd with no proof that the herd of origin was recently tested for bovine brucellosis (CA3 declaration), you could have bought in positive or latently positive animal(s).

If neighbouring farms or farms you access for grazing are positive for brucellosis, your cattle could have contracted the disease.

If you do not know your status and you are farming with brucellosis unknowingly, you are contributing to the brucellosis risk of our national cattle herd.

Always be aware of all possible ways how your herd can become infected with the bacteria, *Brucella abortus*.

Just one miss step may be the beginning of misery!

Remember this is a herd disease!

If one animal is tested positive, the herd is seen as positive until proved to be negative according to the brucellosis scheme!

Brucellosis is a State controlled disease.

Brucellosis is a zoonosis – a disease transmitted from animals to humans

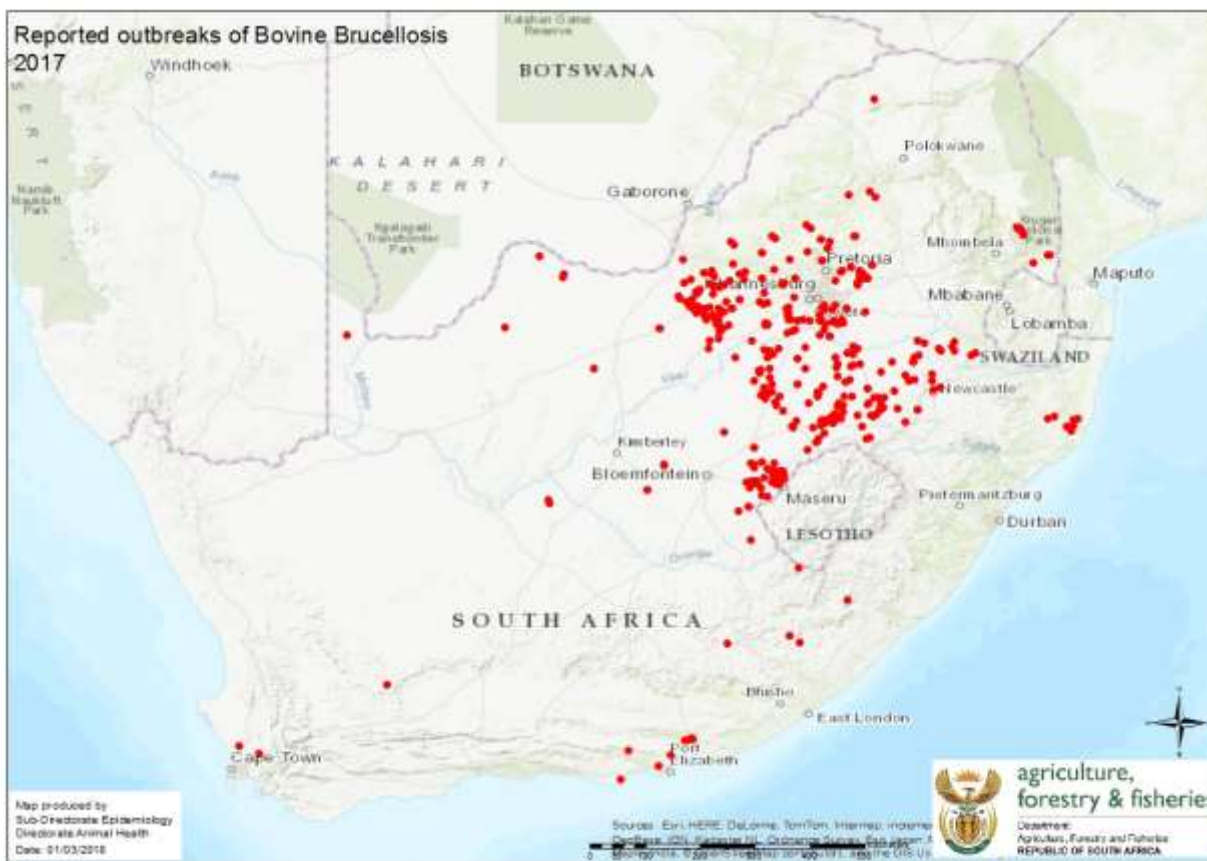
A check list has been drawn up to help you calculate what the risk is of bringing the *Brucella* bacteria onto your farm.

Below is a map of new outbreaks of bovine brucellosis as supplied by DAFF.

It should be emphasized that all cases of State controlled and notifiable diseases have to be reported to the State Veterinary services!

<http://nahf.co.za/controlled-and-notifiable-diseases/>

It is with great concern that animals that have aborted are sold at auctions without the herd and specific animals are tested for bovine brucellosis! Brucellosis is a herd disease.



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 | | |

Below are short and longer versions on using vaccines to help control brucellosis. Please spread this information as wide as possible.

Brucellosis

Play your part in the war on brucellosis – don't wait until it's too late; vaccinate!

Bovine brucellosis, caused by *Brucella abortus*, is reported across all 9 provinces of South Africa especially in the central and Highveld regions. Bovine Brucellosis mainly causes abortion in cattle and can infect most other mammals, including humans.

Brucellosis may occur in persons who are exposed to infected animals, particularly through aborted and normal fetal material of infected cows, and through the consumption of unpasteurised milk. Symptoms in infected persons include profuse sweating mostly during the night, fever, extreme tiredness, aches in bones and joints, especially the lower back, hip or knee joints.

All female cattle between the ages of 4-8 months have to be vaccinated against brucellosis with a registered product to help protect the national cattle herd.* Vaccination helps to decrease shedding of *Brucella* bacteria from infected animals – this helps to limit the spread of brucellosis within a herd and decreases the infection pressure. Always use vaccines according to the manufacturer's instructions. Contact your private veterinarian or state veterinary services for more information.

5 keys to controlling brucellosis:

Vaccination is one of the important tools used to control and prevent brucellosis. Vaccination of all heifers between 4-8 months is required. Do not vaccinate male cattle.

Know your status - test your cattle herd for brucellosis.

Only buy cattle from recently tested, brucellosis negative herds.

Don't share grazing with untested cattle and ensure that your fences are intact.

If you have brucellosis in your herd, follow the advice of your state veterinarian to get rid of the infection as quickly as possible (branding, separation, vaccination and slaughter). Delays in action against the disease will increase losses and prolong quarantine.

Let's all play our part to protect each other – our cattle's health, our own health and our livelihoods.

*Brucellosis is a controlled disease under the Animal Diseases Act, 1984 (Act No 35 of 1984).

Play your part in the war on brucellosis

Don't wait until it's too late - vaccinate! To protect the national cattle herd, all female cattle between the ages of 4-8 months have to be vaccinated against brucellosis with a registered product.*

Vaccination strengthens immunity against brucellosis and decreases bacterial shedding.

S19 vaccine for cattle (Reg. No. G0101. Act 36/1947) or RB51 (Reg. No. G 3056. Act 36/1947) can be used. Always use vaccines according to the manufacturer's instructions. Contact your private veterinarian or local state veterinary services for more information.

Know your herd's status by testing. Know the status of herds that you buy or receive cattle from by requesting herd test results.

Let's all play our part to protect each other – our cattle's health, our own health and our livelihoods.

*Brucellosis is a controlled disease under the Animal Diseases Act, 1984 (Act No 35 of 1984).

At the following link information needed to educate cattle owners and consumers of unpasteurised dairy products regarding brucellosis are available.

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

Translations in the major languages regarding the 5 core facts on bovine brucellosis are available at the following link:

<http://nahf.co.za/translations-for-bovine-brucellosis-5-core-facts-and-a-dozen-things/>

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

Pak brusellose by die horings

Brucellose kan jou lewe verwoes

Brusellose in wild

Bestuur van positiewe besmetlike misgeboorte beeste

[illegible]

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

Good rainfall occurred in many areas of the the winter rain fall area. Be aware of brown stomach worm infestation that may become a problem after the severe drought. 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/ad98_cb447e77eef6450f93a2b23cb0e6b9de.pdf

Wireworm infestations have been reported from 7 provinces. Most farmers think that wireworm is dormant in winter. Check animals for bottle jaw and anaemia. As temperatures rise, be aware of early outbreaks of wireworm infestations. For worm eggs to hatch humidity, temperature above 15 degree Celsius and oxygen are needed.

It cannot be stressed enough that the basis of preventing cryptosporidiosis and pathogenic *E. coli* outbreaks is biosecurity and making sure that the monthers give the best possible colostrum quality to their offspring.

Cryptosporidiosis in combination with pathogenic *E. coli* is still causing huge problems for cattle, sheep and goat farmers. Young animals are extremely vulnerable. Biosecurity measures should be kept at a high level at all times. The immunity of ewes and cows should be kept at the highest level so that colostrum (passive immunity) could protect their offspring.

It is important to contact your veterinarian to help you diagnose what the problem(s) on the farm is when young animals start dying. Samples are set away for diagnosis. *Cryptosporidia* and *E.coli* can be present in the water and food sources. Supply workers with protective clothing which have to be kept on the farm.

Choose disinfectants that is registered for killing *Cryptosporidium*!

External parasites

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

| External parasites | MP | G | L | NW | FS | KZN | EC | WC | NC |
|----------------------|----|---|---|----|----|-----|----|----|----|
| Blue ticks | x | x | | x | x | x | x | x | |
| Resistant blue ticks | | | | | | | | x | |
| Heartwater ticks | x | x | | x | | x | x | | |
| Brown ear-ticks | | x | | | | x | | | |
| Bont-legged ticks | x | | | x | x | | | | x |
| Red-legged ticks | x | | | x | x | | | | |
| Paralysis ticks | | | | | x | | x | | |
| Tampans | | | | | | | | | |
| Biting lice | | | | x | x | x | | x | |
| Sucking lice | | | | x | x | x | x | | |
| Itch mites | | | | | | | | | |
| Sheep scab | | x | | x | | | x | x | |
| Mange mites | x | x | | x | x | x | x | x | |
| Nuisance flies | x | | | | | x | | x | |
| Midges | | | | | | x | | 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 6 provinces.

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 | |

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 | | | |
| Blue tongue | x | x | | | x | | | | |
| Rift Valley Fever | | | | | | | | | |
| Wesselsbron | | | | | | | | | |
| Nagana | | | | | | x | | | |

Insect borne diseases have decreased dramatically after colder weather occurred in most parts of the country. Now is the time to vaccinate your animals against these diseases.

Have you vaccinated your animals vaccinated against Rift Valley Fever?

Plan now, with the assistance of your veterinarian, the vaccination programme during the winter months, to prevent outbreaks of diseases during the next rainy season.

Out of 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:

| Venereal diseases | MP | G | L | NW | FS | KZN | EC | WC | NC |
|-------------------------------|----|---|---|----|----|-----|----|----|----|
| Trichomonosis | x | | x | x | x | x | x | | x |
| Vibriosis | | | x | x | x | | x | x | |
| Pizzle disease | | | | | | | x | x | x |
| <i>Actinobacillus seminis</i> | | | | x | | | | | |

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

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

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

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

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

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

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

Consider Trichomonosis as an area disease, farmers should work together to keep areas free from diseases such as trichomonosis, brucellosis and sheep scab.

Bacterial diseases

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

[illegible]

| | | | | | | | | | |
|-----------|--|--|--|--|--|--|--|--|--|
| Lumpy jaw | | | | | | | | | |
|-----------|--|--|--|--|--|--|--|--|--|

Multiclostridial vaccines should be used if blackquarter outbreaks still occur when only using a vaccine containing *Clostridium chauvoei*. Remember to give a booster vaccine when using an inactivate vaccine for the first time. **Read the packet insert!!** Study the table above and determine the risk for animals on your farm. Get advice from your veterinarian on *Cryptosporidium*/*E. coli* outbreaks in your area and what to do to prevent losses in lambs and calves.

Viral diseases

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

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

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

Preventative vaccinations are the best way to protect animals against viruses and bacteria causing pneumonia.

Keep cattle and wildebeest well separated especially when wildebeest are under stress!

Discuss vaccination programmes and biosecurity measures with your veterinarian.

Fungal diseases

The following fungal disease was reported by practices in the provinces:

| Fungal diseases | MP | G | L | NW | FS | KZN | EC | WC | NC |
|-----------------|----|---|---|----|----|-----|----|----|----|
| Ringworm | x | x | | x | x | x | x | x | |

Protozoal diseases

| Protozoal diseases | MP | G | L | NW | FS | KZN | EC | WC | NC |
|----------------------------------|----|---|---|----|----|-----|----|----|----|
| Besnoitiosis (olifantsvelsiekte) | | x | | | | | | | |

Toxicities

The following toxicities were reported by practices in the provinces:

| Toxicities | MP | G | L | NW | FS | KZN | EC | WC | NC |
|----------------------------|----|---|---|----|----|-----|----|----|----|
| Cardiac glycoside | | | | | | | x | x | |
| Slangkop | | | | | | | | | |
| Crotolaria | | | | | | | | | |
| Gifblaar | | x | | | | | | | |
| Gousiekte | | | | | | | | | |
| <i>Cestrum</i> (ink berry) | | x | | | | | x | | |
| Tulip | x | x | | x | x | x | x | x | |

| | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|---|---|
| Blue green algae | | | | | | | | | |
| Copper | | | | | | | | x | |
| Selenium | | | | | | | | | |
| Zinc | | | | | | | | | |
| Fluoride | | | | | | | | | |
| Lead | | | | | | | | | |
| Paraquat | | | | | | | | | |
| Phosamine | | | | | | | | | |
| Aldicarb | | | | | | | | | |
| Organophosphate | | | | | | | | | |
| Zinc phosphide | | | | | | | | | |
| Pyrethroid | | | | | | | | | |
| Amitraz | | | | | | | | | |
| Levamisole | | | | | | | | | |
| Ivermectin | | | | | | | | | |
| Tilmicosin | | | | | | | | | |
| Bromoxynil nitrate | | | | | | | | | |
| Ionophor | | | | | | | | | |
| Monensin | | | | | | | | | x |
| Hypo | | | | | | | | | |
| Diazinon | | | | | | | | | |
| 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 tulp 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 | x |
| Calcium | x | | | 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 deficiencies

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

| Deficiencies | MP | G | L | NW | FS | KZN | EC | WC | NC |
|--------------|----|---|---|----|----|-----|----|----|----|
| Iodine | | | | | | x | | | |
| Copper | | | | | | x | | | |
| Zinc | | | | | | | | | |
| Selenium | | | | x | | x | x | | |
| Magnesium | | | | x | x | | | | |

| | | | | | | | | | |
|--------------------|--|--|--|----------|----------|----------|--|----------|--|
| Manganese | | | | | | x | | | |
| Vitamin A | | | | x | x | x | | x | |
| Vitamin B 1 | | | | | | | | x | |

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

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

| Multifactorial diseases and other conditions | MP | G | L | NW | FS | KZN | EC | WC | NC |
|---|-----------|----------|----------|-----------|-----------|------------|-----------|-----------|-----------|
| Abortions | x | x | x | x | x | x | x | x | x |
| Stillbirths | | x | | x | x | x | x | x | |
| Abscesses | x | x | x | x | x | x | x | x | x |
| Intestinal ulcers | | | | x | | | | x | |
| Bladder stones –urolithiasis | | | | | | | | | |
| Blindness | | | | | x | x | x | x | x |
| Bloat | | | | | x | x | x | x | x |
| Blue udder | | | | | x | | x | x | x |
| Diarrhoea | x | | | x | x | x | x | x | |
| Epididymitis | x | x | | x | x | | | x | |
| Eye cancer | | x | | | x | | x | x | |
| Eye infections | | x | | x | x | x | x | x | x |

| | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|
| Joint ill | x | | | | x | x | x | x | |
| Lameness/foot problems | x | x | | x | x | x | x | x | |
| Lung infection | x | x | x | x | x | x | x | x | x |
| Mastitis | x | x | | x | x | x | x | x | |
| Navel ill | x | x | | | | x | x | x | |
| Umbilical hernia | | x | | | | | | | |
| Red gut (sheep, torsion of gut) | | | | | | | | x | |
| Rectal prolaps | | x | | | | | | | |
| Swelsiekte | | | | | | | | | |
| Traumatic reticulo-pericarditis | | | | | | | x | x | |
| Trauma | | | | | | x | | | x |
| Teeth wear | | | | | | | | | |
| Plastic bags (ingestion) | | | | | | | | | |
| Downer | x | x | | | x | x | x | x | |
| Anaphylactic shock | | | | | | | | | |
| Vestibular syndrome (middle ear infection) | | | | | | | | | |

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

The cause of abortions should be established: brucellosis, enzootic abortion, Q-fever, leptospirosis, etc. The necessary preventative measures can then be taken.

Pneumonia and lameness (foot conditions) are wide spread.

Metabolic diseases

The following diseases were reported by practices in the provinces:

| Metabolic diseases | MP | G | L | NW | FS | KZN | EC | WC | NC |
|--------------------|----|---|---|----|----|-----|----|----|----|
| Acidosis | x | x | | x | x | x | | x | |

| | | | | | | | | | |
|---------------------|--|---|--|--|---|---|---|---|---|
| Displaced abomasum | | | | | X | | X | X | |
| Ketosis (Domsiekte) | | X | | | X | | X | X | X |
| Milk fever | | X | | | X | X | X | X | |

Make sure that you adapt animals to feed containing concentrates as more and more cases of acidosis are reported when grazing animals on harvested maize fields.

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

Reproductive diseases

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

| | | | | | | | | | |
|-----------------|--|--|--|--|---|--|---|--|--|
| Frozen to death | | | | | x | | | | |
| Heat stress | | | | | | | | | |
| Lightning | | | | | | | | | |
| Electrocution | | | | | | | | | |
| Drought | | | | | | | x | | |

Be prepared when cold spells and snow fall are forecasted.

Other conditions

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

Kaapmuiden – Dr. Silke Pfitzer
Mokopane – Dr. Alwyn Venter (SV)
Nigel – dr. Cindy vd Westhuizen
Plettenberg Bay – Dr. André Reitz
Stutterheim – Dr. Dave Waterman
Vaalwater – Dr. Hampie van Staden
Vaalwater – Dr. Annemieke Müller
Vanderbijlpark – Dr. Kobus Kok

Ostriches

Western Cape

Oudtshoorn

Tapeworms – 2, Not a significant production problem but farmers like to Rx to get flocks clean. Most grower flocks rid themselves of infection

Red gut – 3 Overfeeding on maize and changes in intake behaviour. Overgrowth, Alpha toxin production. More adult birds. Treatment: tetracyclines effective.

Diarrhoea – 3 Associated with mouldy feed – drought, low cost and last stored roughage. Also cheaper maize results in feeding high volumes of maize, more of a acidosis condition underlying.

Yolk sack infection -3 Chick season is starting, open nest system with few drops of rain causes shell contamination. Weak bacteraemic chicks post hatch. Treatment effective with quinolones

Protein and energy deficiency - 3, Protein energy deficiency. Low feed intake due to feed differences (quality and source of roughage) short day periods for intake, high energy need during winter.

Mycotoxins – 2 DON high levels in feed. Last of season storage – desperate to obtain cheap feed in drought. Feed refusal, diarrhoea, liver abscessation.

Vitamin A deficiency - Slight eye problems – tears/ dust

Cold – 3 Growers not growing well during winter months and suffering from protein and energy (PED) due to poor feed intake (short days) die acutely from hypothermia/ glycaemia

Equines

Mpumalanga

Middelburg

Tetanus - 1

Limpopo

Modimolle

Downers – 2 horses died, severe internal parasite infestation

Free State

Parys

Feed associated colic – 2

Eastern Cape

Port Alfred

Biliary – 1 (Kleinemonde)

Rain scald – 1 (Kleinemonde)

Sarcoid – 1 (Bathurst)

Diarrhoea – 1 Foal (Bathurst)

Western Cape

Darling

Retained after birth – 1

Northern Cape

Colesberg

Biliary - 2

Game

Limpopo

Bela-bela

Lameness – Sable infection of the hoof, recovered

Lameness – Sable got caught up in the fence and injured achilles tendon

Trauma – buffalo – fighting between two bulls, one bull had wound caused by horn

Modimolle

Sarcocystis – Impala ram dies one month after been moved

Actinobacillosis (Knopkakebeen) – Nyala ewe

North West

Klerksdorp

Red legged-ticks – 2 Zebra

KwaZulu-Natal

Underberg

Capture myopathy – 1 Eland

Eastern Cape

Port Alfred

Theileriosis – Sable 1

Veminosi – Sable 1

Diarrhoea – Sable calf 1

Swine

Gauteng

Onderstepoort

Mange – 1

Dogs

Northern Province

Kathu

Rabies - 1

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

Pasteurella multocida [11] was the most common pathogen isolated from bovine respiratory tract infections, followed by *Mycoplasma* [7], *Mannheimia haemolytica* [4], *Histophilus somni* [4], *Trueperella pyogenes* [3] and *Mannheimia* biotype 8C [1] which is one of the biotypes associated with pneumonia.

Gangrenous myositis was caused by *Clostridium chauvoei* in 4 cases, and *C. novyi* in two.

Calf enteritis was associated in 13 cases with *E. coli*, and *Cryptosporidium* in 3. *Salmonella* Infantis was isolated on two different occasions from calves on the same farm. *Salmonella* Infantis is one of the pathogenic strains that cause disease from time to time in South Africa. *Salmonella* Infantis is considered to be an emerging pathogen.

Salmonella Dublin was isolated from a septicaemic calf.

Enteritis in pigs was associated with *E. coli* in 5 cases.

Abscesses in cattle were associated with *Trueperella pyogenes* in 7 cases, in a goat in one case, and a kudu as well. Other causes of abscessation were a single case of *Corynebacterium pseudotuberculosis* in sheep, *Actinomyces bovis* in a goat, and *Actinomyces* sp in the joint of a lion.

A case of Blue Udder was due to *Staphylococcus aureus* in sheep. The Onderstepoort Biological Products Blue Udder vaccine contains two strains of *S. aureus*, and three of *Mannheimia [Pasteurella] haemolytica*, and should be effective in such cases.

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

| Condition | Comments and Specie |
|---|---------------------|
| Red gut | B 3 |
| Blood gut | O 3 |
| Botulism | B 2 |
| Diarrhoea and deaths in lambs | O 3 |
| Acidosis | B 3 |
| Weak lambs, difficulty to adapt | O 3 |
| Vitamin A deficiency with eye infection | O 3 |
| Vitamin B 1 deficiency | B 2 |
| Lungs | B 3 |

Monthly report for Augustus 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, Dairy calf | Cryptosporidiosis | 1 | Darling, W. Cape |
| Bovine, Dairy calf | Cryptosporidiosis | 1 | Dundee, KZN |
| Ovine, Lamb 3 weeks | Clostridial enterotoxaemia | 1 | Parys, Free State |
| Bovine, Dairy calf | Cryptosporidiosis | 1 | Darling, W. Cape |
| Bovine, Beef Calf | Cestrum poisoning | 1 | Howick, KZN |

| | | | |
|--------------------|--|---|-------------|
| Bovine, Dairy Calf | <i>Pasteurella multocida</i> septicaemia | 1 | Dundee, KZN |
| Bovine, Dairy Calf | Cryptosporidiosis | 1 | Dundee, KZN |

| WILDLIFE DISEASE SURVEILLANCE | | | |
|-------------------------------|--------------------------|-----------|-----------------------------|
| WILDLIFE SPECIES | DISEASE AGENT | NO. CASES | LOCATION |
| White rhino, 3 month calf | Shuni virus encephalitis | 1 | Aliwal North, Northern Cape |
| White rhino, Adult cow | Iron storage disorder | 1 | Potchefstroom, North West |
| Buffalo, Adult Cow | Pulmonary hypertension | 1 | Rooiberg, Limpopo |
| | | | |

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

| Condition | Comments and Specie |
|----------------|---------------------|
| Tapeworms | C 1 |
| Coccidiosis | C 2 |
| <i>E. coli</i> | B 1 |
| Hepatotoxicity | B 1 |
| Lungs | B,G 1 |
| Abortion | B,O,C 1 |



Section of Pathology
Department of Paraclinical Sciences
Faculty of Veterinary Science

5th September 2018
DAFF
Import/Export Policy Unit Subdirectorate

Monthly report: Faculty of Veterinary Science cases
Cases sent to referring veterinarians between 27th July and 5th September 2018

Cases from State vet Skukuza or Orpen

Cases imported with master permit (none)

| PMDate | Species | Final | Histo No |
|-----------|------------------|--------------------------------------|----------|
| 17-Jul-18 | African Buffalo | Acute renal failure | S2472-18 |
| 19-Jul-18 | White Rhino | Cachexia | S2513-18 |
| 20-Jul-18 | Burchell's Zebra | Suspected chronic peritonitis | S2545-18 |
| 25-Jul-18 | Cheetah | Liver and renal failure, cholangitis | S2646-18 |
| 30-Jul-18 | Lion | Suspected hypokalaemic polymyopathy | S2643-18 |
| 08-Aug-18 | Impala | Emaciated, liver fibrosis | S2757-18 |
| 08-Aug-18 | Roan | Bronchopneumonia | S2741-18 |
| 08-Aug-18 | African Buffalo | Cardiac, skeletal myopathy | S2750-18 |

Kind regards,



Prof. Emily Mitchell

DISEASE DISTRIBUTION REPORT AS REPORTED BY VETERINARIANS

Table of Contents

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|--|--|
| <u>Internal Parasites</u> | Roundworms in general , Resistant Round Worms , Wireworm , Brown stomach-worm , Nodular worm , 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 , Nasal bot larvae , Midges |
| <u>Tick-borne Diseases</u> | African red water , Asiatic red water , Anaplasmosis , Heartwater , Sweating Sickness |
| <u>Insect Transmittable Diseases</u> | Lumpy skin disease , Three-day-stiffsickness , Blue tongue , Nagana |
| <u>Venereal Diseases</u> | Actinobacillus seminis , 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 , Bovine Tuberculosis , Johnes` disease , Septicaemia , E. coli , Enzootic Abortion , Dermatophilosis (Lumpy Wool) , Intrauterine Gangrene , Bovine Dermatophilosis (Senkobo disease) , Fusibacterium necrophorum |
| <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) , Jaagsiekte , 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 , Geeldikkop/Dikoor , Gifblaar , Lantana , Prussic acid poisoning , Seneciosis , Tulip Poisoning , Mycotoxicosis , Diplodiosis , Other |
| <u>Poisonings</u> | Water contamination , Urea Poisoning , Copper Poisoning |
| <u>Macro Nutritional Problems</u> | Energy deficiency , Protein deficiency , Phosphate deficiency , Calcium deficiency |
| <u>Micro Nutritional Problems</u> | Iodine deficiency , Copper 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 , Frozen to death |
| <u>Non specific diseases</u> | Cause of death not established , 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 | 1.0 (3) | 1.7 (3) | | 2.0 (1) | 2.0 (4) | 2.0 (8) | 1.8 (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 | 1.0 (1) | | | | | 2.0 (4) | 1.0 (1) | | |
| Sheep | 1.0 (1) | 2.0 (2) | | 2.0 (1) | 2.0 (4) | 2.0 (2) | 2.0 (1) | 2.0 (2) | |
| Goat | 1.0 (1) | 1.0 (1) | | | | 2.0 (2) | 2.0 (2) | | |

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Sheep: 1, Goat: 1

Gauteng

Hammanskraal, Themba Animal Clinic

Sheep: 2

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Goat: 1

North West

Ventersdorp, Ventersdorp Dierekliniek

Sheep: 2

Free State

Bultfontein, Greylingrust Dieresprekkamer

Sheep: 2

Clocolan, Clocolan Dierekliniek

Sheep: 2

Kroonstad, Kroonstad Dierehospitaal

Sheep: 1

Trompsburg, Dr. Wyn Irwin

Sheep: 3

Young animals

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2, Goat: 2

Mooi River, Mooirivier Vet Clinic

Beef: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 2, Sheep: 2, Goat: 2

Eastern Cape

Port Alfred, Port Alfred Veterinary Clinic

Beef: 1

Port Alfred - verminosis

Goat: 3

Bathurst

Queenstown, Queenstown Provincial Vet Lab

Sheep: 2, Goat: 1

Western Cape

Caledon, Caledon Dierekliniek

Sheep: 2

Caledon, Overberg Veterinary Hospital

Sheep: 2

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

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

| | | |
|-------|---------|---------|
| Sheep | 1.0 (1) | 1.0 (1) |
| Goat | 1.0 (1) | |

Mpumalanga

Balfour, Balfour Dierekliniek

Sheep: 1

Nelspruit, Nelspruit Animal Hospital

Goat: 1

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 1

Wireworm



| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | | 1.7 (3) | | 2.0 (1) | 2.0 (2) | 2.0 (2) | 1.5 (2) | 2.5 (2) | 3.0 (1) |

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

| | | | | | | | | | |
|-------|--|---------|--|---------|---------|---------|---------|---------|---------|
| Sheep | | 2.0 (2) | | | 2.0 (2) | 2.0 (1) | 2.0 (1) | 2.5 (2) | 3.0 (1) |
| Goat | | 1.0 (1) | | 2.0 (1) | | 2.0 (1) | 1.0 (1) | | |

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 2

Hammanskraal, Themba Animal Clinic

Sheep: 2, Goat: 1

North West

Brits, Brits Dierekliniek

Goat: 2

Free State

Bultfontein, Greylingrust Dieresprekkamer

Sheep: 2

Clocolan, Clocolan Dierekliniek

Sheep: 2

Kwazulu-Natal

Pietermaritzburg, Veterinary House Hospital

Sheep: 2, Goat: 2

Eastern Cape

Queenstown, Queenstown Provincial Vet Lab

Sheep: 2, Goat: 1

Western Cape

George, George Animal Hospital

Sheep: 3

Malmesbury, Malmesbury Dierehospitaal

Sheep: 2

Northern Cape**Colesberg, Karoo Veterinary Hospital**

Sheep: 3

Brown stomach-worm

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

Average

2.0 (1)

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

Sheep

2.0 (1)

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

Sheep: 2

Nodular worm

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

Sheep: 3

Tape Worms

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

Average

1.0 (1)

1.0 (2)

2.0 (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 (1)

2.0 (2)

1.0 (1)

1.0 (1)

Mpumalanga**Balfour, Balfour Dierekliniek**

Sheep: 1

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 1

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1

Free State

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

Reitz, Riemland Dierehospitaal

Sheep: 2

Eastern Cape

Queenstown, Queenstown Provincial Vet Lab

Sheep: 1

Western Cape

Oudtshoorn, Oudtshoorn Dierekliniek

Sheep: 1

Parafilaria



| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | | | | | | 2.5 (2) | | | 3.0 (1) |

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

| | | | | | | | | | |
|------|--|--|--|--|--|---------|--|--|---------|
| Beef | | | | | | 2.5 (2) | | | 3.0 (1) |
|------|--|--|--|--|--|---------|--|--|---------|

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 3

Feedlot cattle brought in from various regions in KZN

Northern Cape

Kimberley, Kimberley Dierekliniek

Beef: 3

Liver fluke



| 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) | 1.3 (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 | 2.0 (1) | | | 1.0 (1) | 2.0 (1) | 1.3 (3) | | | |
| Sheep | | | | | | 1.0 (1) | | 2.0 (1) | |

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

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

Beef: 1

Free State**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2

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

Beef: 1

Pietermaritzburg, Veterinary House Hospital

Beef: 2, Sheep: 1

Pongola, Pongola Animal Clinic

Beef: 1

Western Cape**George, George Animal Hospital**

Sheep: 2

| Conical Flukes | | | | | | | | | ^ |
|----------------|------------|---------|---------|------------|------------|---------------|--------------|--------------|-------------------|
| 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 (4) | 1.0 (1) | 1.0 (2) | | |

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

| | | | | | | | | | |
|-------|---------|--|--|---------|---------|---------|---------|--|--|
| Beef | 1.0 (1) | | | 2.0 (2) | 2.0 (3) | 1.0 (1) | 1.0 (1) | | |
| Dairy | | | | | | | 1.0 (1) | | |
| Sheep | | | | | 2.0 (1) | | | | |

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 1

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

Beef: 1

Stella, Stella Dierekliniek

Beef: 3

Free State**Memel, Memel Veterinary Clinic**

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Vrede, Vrede Dierehospitaal

Beef: 2

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

Beef: 1

Eastern Cape

Somerset East, Bosberg Veterinary Clinic

Beef: 1, 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) | 2.0 (1) | | | | | 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 | 3.0 (1) | | 1.0 (1) | 2.0 (1) | | | | | 1.0 (1) |
| Sheep | | | | | | | | | 2.0 (1) |
| Goat | | | | | | | | | 2.0 (1) |

Mpumalanga**Nelspruit, Nelspruit Animal Hospital**

Beef: 3

Limpopo**Mokopane, Dr Henk Visser**

Beef: 1

North West**Vryburg, Vryburg Dierehospitaal**

Beef: 2

Northern Cape**Kimberley, Kimberley Dierekliniek**

Beef: 1

Postmasburg, Postmasburg Dierekliniek

Sheep: 2, Goat: 2

External Parasites**Blue ticks**

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | 1.3 (3) | 1.0 (1) | | 2.5 (2) | 2.6 (5) | 2.4 (5) | 2.0 (1) | 2.3 (3) | |

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

| | | | | | | | | | |
|-------|---------|---------|--|---------|---------|---------|---------|---------|--|
| Beef | 1.3 (3) | 1.0 (1) | | 2.0 (1) | 2.7 (3) | 2.5 (4) | 2.0 (1) | 2.0 (1) | |
| Dairy | | | | 3.0 (1) | | | | 3.0 (1) | |
| Sheep | | | | | 2.5 (2) | | | 2.0 (1) | |
| Goat | | | | | | 2.0 (1) | | | |

Mpumalanga**Balfour, Balfour Dierekliniek**

| | | | | | | | | | |
|---|------------|---------|---------|------------|------------|---------------|--------------|--------------|-------------------|
| Beef: 1 | | | | | | | | | |
| Middelburg , Middelburg Dierehospitaal | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Nelspruit, Nelspruit Animal Hospital | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Gauteng | | | | | | | | | |
| Hammanskraal, Themba Animal Clinic | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| North West | | | | | | | | | |
| Vryburg, Vryburg Dierehospitaal | | | | | | | | | |
| Beef: 2, Dairy: 3 | | | | | | | | | |
| Free State | | | | | | | | | |
| Hoopstad, Hoopstad Dierekliniek | | | | | | | | | |
| Beef: 3, Sheep: 3 | | | | | | | | | |
| Kroonstad, Kroonstad Dierehospitaal | | | | | | | | | |
| Beef: 2, Sheep: 2 | | | | | | | | | |
| Viljoenskroon, Viljoenskroon Dierekliniek | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Kwazulu-Natal | | | | | | | | | |
| Bergville, Bergville Veterinary Clinic | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Bergville, Tugela Vet Clinic | | | | | | | | | |
| Beef: 2, Goat: 2 | | | | | | | | | |
| Mooi River, Mooirivier Vet Clinic | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Vryheid, Vryheid Privaat Veeartse | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Eastern Cape | | | | | | | | | |
| Alexandria, Alexandria Platteland Spreekkamer | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Western Cape | | | | | | | | | |
| George, George Animal Hospital | | | | | | | | | |
| Dairy: 3 | | | | | | | | | |
| Oudtshoorn, Oudtshoorn Dierekliniek | | | | | | | | | |
| Beef: 2, Sheep: 2 | | | | | | | | | |
| 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 | | | | | | | | | |
| Beef | | | | | | | | 3.0 (1) | |
| Western Cape | | | | | | | | | |
| George, George Animal Hospital | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Heartwater (Bont) ticks | | | | | | | | | ^ |
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |

| | | | | | | | |
|----------------|---------|---------|--|---------|--|---------|---------|
| Average | 2.0 (3) | 1.5 (2) | | 1.5 (2) | | 1.9 (7) | 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 (2) | 2.0 (1) | | 1.5 (2) | | 2.3 (3) | |
| Sheep | | | | | | 1.5 (2) | 1.0 (1) |
| Goat | 2.0 (1) | 1.0 (1) | | | | 1.5 (2) | 3.0 (1) |

Mpumalanga

Middelburg , Middelburg Dierehospitaal

Beef: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 2, Goat: 2

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 2, Goat: 1

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Stella, Stella Dierekliniek

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 2, Sheep: 2

Pongola, Pongola Animal Clinic

Sheep: 1, Goat: 1

Eastern Cape

Port Alfred, Port Alfred Veterinary Clinic

Goat: 3

Shaw Park (3); Fish River (1)

Uitenhage, Uitenhage Dierehospitaal

Sheep: 1

Brown ear-ticks



| 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) | | | | 2.0 (1) | | | |
|-------------|--|---------|--|--|--|---------|--|--|--|

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Beef: 2

Kwazulu-Natal

Pietermaritzburg, Veterinary House Hospital

Beef: 2

| Bont-legged ticks | | | | | | | | | ^ |
|--|------------|---------|---------|------------|------------|---------------|--------------|--------------|-------------------|
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | 1.0 (1) | | | 2.5 (2) | 2.4 (7) | | | | 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) | | | 2.5 (2) | 2.3 (4) | | | | 3.0 (1) |
| Sheep | | | | | 2.7 (3) | | | | |
| Mpumalanga Balfour, Balfour Dierekliniek Beef: 1 North West Christiana, Christiana Dierehospitaal Beef: 3 Klerksdorp, Klerksdorp Dierehospitaal Beef: 2 Free State Hoopstad, Hoopstad Dierekliniek Beef: 3, Sheep: 3 Kroonstad, Kroonstad Dierehospitaal Beef: 2, Sheep: 2 Memel, Memel Veterinary Clinic Beef: 1 Trompsburg, Dr. Wyn Irwin Beef: 3 Problem especially around the anus causes small abscesses Sheep: 3 Northern Cape De Aar, De Aar Veterinary Clinic Beef: 3 | | | | | | | | | |
| Red-legged ticks | | | | | | | | | ^ |
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | 1.0 (3) | | | 3.0 (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) | | | 3.0 (1) | 2.3 (3) | | | | |

| | | |
|-------|---------|---------|
| Sheep | 1.0 (1) | 2.5 (2) |
| Goat | 1.0 (1) | |

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Sheep: 1, Goat: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 2, Sheep: 2

Memel, Memel Veterinary Clinic

Beef: 2

Paralysis ticks

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | | | | | 3.0 (2) | | 2.5 (2) | | |

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

| | | | | | | | | | |
|-------|--|--|--|--|---------|--|---------|--|--|
| Beef | | | | | 3.0 (1) | | 2.0 (1) | | |
| Sheep | | | | | 3.0 (1) | | 3.0 (1) | | |

Free State

Trompsburg, Dr. Wyn Irwin

Beef: 3, Sheep: 3

Eastern Cape

Aliwal North, Hertzogbrug Dierekliniek

Beef: 2

Middelburg (EC), 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 | | | | 2.3 (3) | 2.7 (6) | 1.5 (2) | | 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 | | 2.3 (3) | 2.8 (5) | 1.5 (2) | |
| Dairy | | | 2.0 (1) | | 1.0 (1) |
| Sheep | | | | | 1.7 (3) |

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Vryburg, Vryburg Dierehospitaal

Beef: 2

Free State

Clocolan, Clocolan Dierekliniek

Beef: 3, Dairy: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 3

Memel, Memel Veterinary Clinic

Beef: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 1

Kokstad, E.G.Veterinary Services

Beef: 2

Western Cape

Beaufort West, Beaufort Dierekliniek

Sheep: 2

Beaufort West, Beaufort West State Vet

Sheep: 2

Merino sheep. Farmers do not dip anymore.

Caledon, Caledon Dierekliniek

Sheep: 1

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Sucking lice (blue lice) [^](#)

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | | | | 2.0 (3) | 2.8 (4) | 3.0 (1) | 2.0 (1) | | 2.5 (2) |

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

| | | | | | | | | | |
|-------------|--|--|--|---------|---------|---------|--|--|--|
| Beef | | | | 2.0 (3) | 3.0 (3) | 3.0 (1) | | | |
|-------------|--|--|--|---------|---------|---------|--|--|--|

| | | | | | | | | | |
|--------------|--|--|--|------------|--|---------|--|--|---------|
| Dairy | | | | 2.0 (1) | | | | | 2.0 (1) |
| Goat | | | | | | 2.0 (1) | | | 3.0 (1) |

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Lichtenburg, Dr CM Kruger-Rall

Beef: 1

Ventersdorp, Ventersdorp Dierekliniek

Beef: 2

Free State

Clocolan, Clocolan Dierekliniek

Beef: 3, Dairy: 2

Hertzogville, Hertzogville Dierekliniek

Beef: 3

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Kwazulu-Natal

Vryheid, Vryheid Privaat Veeartse

Beef: 3

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Goat: 2

Northern Cape

Kuruman, Kuruman Dierekliniek

Dairy: 2

Postmasburg, Postmasburg Dierekliniek

Goat: 3

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) | | | 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) | 1.0 (1) | |
| Goat | | 2.0 (1) | | | | | | | |

Gauteng

Hammanskraal, Themba Animal Clinic

Goat: 2

North West

Christiana, Christiana Dierehospitaal

Sheep: 1

Eastern Cape



Queenstown, Queenstown Provincial Vet Lab

Sheep: 1

Western Cape

Caledon, Overberg Veterinary Hospital

Sheep: 1

| Mange Mites | | | | | | | | |  |
|---|------------|---------|---------|------------|------------|---------------|--------------|--------------|---|
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | 1.0 (2) | 1.3 (3) | | 2.7 (3) | 2.5 (4) | 1.0 (1) | | 1.0 (1) | |
| Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported | | | | | | | | | |
| Beef | 1.0 (1) | 2.0 (1) | | 2.7 (3) | 2.5 (4) | 1.0 (1) | | 1.0 (1) | |
| Dairy | 1.0 (1) | | | | | | | | |
| Sheep | | 1.0 (1) | | | | | | | |
| Goat | | 1.0 (1) | | | | | | | |
| Mpumalanga | | | | | | | | | |
| Balfour, Balfour Dierekliniek | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Nelspruit, Nelspruit Animal Hospital | | | | | | | | | |
| Dairy: 1 | | | | | | | | | |
| Gauteng | | | | | | | | | |
| Hammanskraal, Themba Animal Clinic | | | | | | | | | |
| Beef: 2, Goat: 1 | | | | | | | | | |
| Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic | | | | | | | | | |
| Sheep: 1 | | | | | | | | | |
| North West | | | | | | | | | |
| Christiana, Christiana Dierehospitaal | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Sarcoptes mites | | | | | | | | | |
| Leeudoringstad, Leeudoringstad Dierekliniek | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Vryburg, Vryburg Dierehospitaal | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Free State | | | | | | | | | |
| Bultfontein, Greylingrust Dieresprekkamer | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Hoopstad, Hoopstad Dierekliniek | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Reitz, Riemland Dierehospitaal | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Wesselsbron, Wesselsbron Dierekliniek | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Kwazulu-Natal | | | | | | | | | |
| Pietermaritzburg, Veterinary House Hospital | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Western Cape | | | | | | | | | |
| Beaufort West, Beaufort Dierekliniek | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Nuisance Flies | | | | | | | | |  |

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

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

| | | | | | | | | | |
|-------|---------|--|--|--|--|---------|--|---------|--|
| Beef | 1.0 (1) | | | | | 2.0 (1) | | 2.0 (1) | |
| Dairy | | | | | | | | 2.0 (1) | |
| Sheep | 1.0 (1) | | | | | | | | |
| Goat | 1.0 (1) | | | | | 2.0 (1) | | | |

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Sheep: 1, Goat: 1

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Beef: 2, Dairy: 2

Blowflies



| 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) | | | | | | | | |
| Goat | | 1.0 (1) | | | | | | | |

Mpumalanga

Middelburg, Middelburg Dierehospitaal

Beef: 1

Gauteng

Hammanskraal, Themba Animal Clinic

Goat: 1

Nasal bot larvae



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

| | | | | | | | | | |
|---|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Sheep | | | | | | 2.0 (3) | | | |
| Free State | | | | | | | | | |
| Hoopstad, Hoopstad Dierekliniek | | | | | | | | | |
| Sheep: 3 | | | | | | | | | |
| Kroonstad, Kroonstad Dierehospitaal | | | | | | | | | |
| Sheep: 2 | | | | | | | | | |
| Reitz, Riemland Dierehospitaal | | | | | | | | | |
| Sheep: 1 | | | | | | | | | |
| Midges | | | | | | | | | ^ |
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | | | | | | 1.0 (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 | | | | | | 1.0 (1) | | 2.0 (1) | |
| Dairy | | | | | | | | 1.5 (2) | |
| Sheep | | | | | | | | 2.0 (1) | |
| Kwazulu-Natal | | | | | | | | | |
| Mooi River, Mooirivier Vet Clinic | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Western Cape | | | | | | | | | |
| Malmesbury, Dr Otto Kriek | | | | | | | | | |
| Dairy: 1 | | | | | | | | | |
| Malmesbury, Malmesbury Dierehospitaal | | | | | | | | | |
| Beef: 2, Dairy: 2, Sheep: 2 | | | | | | | | | |
| Tick-borne Diseases | | | | | | | | | |
| African red water | | | | | | | | | ^ |
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | 3.0 (1) | | 1.5 (2) | 1.0 (1) | 2.0 (1) | 1.5 (2) | 1.0 (1) | 3.0 (1) | |
| Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported | | | | | | | | | |
| Beef | 3.0 (1) | | 1.5 (2) | 1.0 (1) | 2.0 (1) | 1.5 (2) | 1.0 (1) | | |
| Dairy | | | | | | | | 3.0 (1) | |
| Mpumalanga | | | | | | | | | |
| Middelburg , Middelburg Dierehospitaal | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Limpopo | | | | | | | | | |
| Makhado, Blouberg Dierekliniek | | | | | | | | | |

Beef: 1

Polokwane, Pietersburg Veterinary Clinic

Beef: 2

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 1

Free State

Vrede, Vrede Dierehospitaal

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Newcastle, Ncanduvet Newcastle

Beef: 1

Eastern Cape

Witelsbos, Witelsbos Veterinary Consulting Rooms

Beef: 1

Western Cape

George, George Animal Hospital

Dairy: 3

Asiatic red water

[^](#)

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

Mpumalanga

Middelburg , Middelburg Dierehospitaal

Beef: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 1

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 2

Free State

Clocolan, Clocolan Dierekliniek

Beef: 1

Ladybrand, Ladybrand Dierekliniek

Dairy: 2

Memel, Memel Veterinary Clinic

Beef: 1

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

Beef: 1

Bergville, Tugela Vet Clinic

Beef: 2

Eshowe, Eshowe Veterinary Hospital

Beef: 2

Occasional outbreaks

Kokstad, E.G.Veterinary Services

Beef: 3

Two herds

Eastern Cape**Cofimvaba, State Vet Cofimvaba**

Beef: 2

Queenstown, Queenstown Provincial Vet Lab

Beef: 1

Witelsbos, Witelsbos Veterinary Consulting Rooms

Dairy: 1

Western Cape**George, George Animal Hospital**

Beef: 2

Swellendam, Swellendam Dierehospitaal

Dairy: 2

Anaplasmosis

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | | 1.0 (2) | | 2.2 (5) | 1.8 (8) | 1.7 (3) | 1.5 (2) | 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 (2) | | 2.2 (5) | 1.7 (7) | 1.7 (3) | 1.5 (2) | 2.0 (1) | |
| Dairy | | | | | 2.0 (1) | | | 2.3 (3) | |

Gauteng**Hammanskraal, Themba Animal Clinic**

Beef: 1

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

North West**Christiana, Christiana Dierehospitaal**

Beef: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 1

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Fifteen cases in weaners, one died

Ventersdorp, Ventersdorp Dierekliniek

Beef: 2

Vryburg, Vryburg Dierehospitaal

Beef: 2

Free State**Clocolan, Clocolan Dierekliniek**

Beef: 2

Ficksburg, Oosvrystaat Diere Produkte

Beef: 1

Hertzogville, Hertzogville Dierekliniek

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 2, Dairy: 2

Ladybrand, Ladybrand Dierekliniek

Beef: 2

Parys, Parys Dierehospitaal

Beef: 1

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

Beef: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 1

Underberg, Underberg Veterinary Surgery

Beef: 2

Eastern Cape**Alexandria, Alexandria Platteland Spreekkamer**

Beef: 2

Port Alfred, Port Alfred Veterinary Clinic

Beef: 1

Port Alfred

Western Cape**Darling, Tygerberg Dierehospitaal Darling**

Beef: 2

Malmesbury, Invitrotech

Dairy: 2

Malmesbury, Malmesbury Dierehospitaal

Dairy: 2

Riversdale, Riversdal Dierekliniek

Dairy: 3

| Heartwater | | | | | | | | | ^ |
|---|------------|---------|---------|------------|------------|---------------|--------------|--------------|-------------------|
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | 1.0 (1) | 1.5 (4) | 2.3 (6) | 2.0 (2) | | 1.6 (8) | 1.4 (5) | | |
| Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported | | | | | | | | | |
| Beef | 1.0 (1) | 1.0 (2) | 2.3 (3) | 2.0 (1) | | 2.0 (4) | 1.0 (1) | | |
| Dairy | | | | | | 1.0 (1) | | | |
| Sheep | | 1.0 (1) | 2.0 (1) | 2.0 (1) | | 1.0 (1) | 1.7 (3) | | |
| Goat | | 3.0 (1) | 2.5 (2) | | | 1.5 (2) | 1.0 (1) | | |

| | | | | | | | | | |
|---|-------------------|----------------|----------------|-------------------|-------------------|----------------------|---------------------|---------------------|----------------------|
| Beef | | | | 2.5 (2) | 2.0 (1) | | | 1.0 (1) | |
| North West | | | | | | | | | |
| Christiana, Christiana Dierehospitaal | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Leeudoringstad, Leeudoringstad Dierekliniek | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Free State | | | | | | | | | |
| Ladybrand, Ladybrand Dierekliniek | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Western Cape | | | | | | | | | |
| Stellenbosch, Stellenbosch Animal Hospital | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Insect Transmittable Diseases | | | | | | | | | |
| Lumpy skin disease | | | | | | | | | ^ |
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | | | | 1.0 (1) | 2.0 (1) | 1.2 (5) | 1.0 (1) | | |
| Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported | | | | | | | | | |
| Beef | | | | 1.0 (1) | 2.0 (1) | 1.3 (4) | | | |
| Dairy | | | | | | 1.0 (1) | 1.0 (1) | | |
| North West | | | | | | | | | |
| Klerksdorp, Klerksdorp Dierehospitaal | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Free State | | | | | | | | | |
| Hoopstad, Hoopstad Dierekliniek | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Kwazulu-Natal | | | | | | | | | |
| Bergville, Bergville Veterinary Clinic | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Dundee, Endumeni Herd health | | | | | | | | | |
| Beef: 2, Dairy: 1 | | | | | | | | | |
| Underberg, Underberg Veterinary Surgery | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Vryheid, Vryheid Privaat Veeartse | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Eastern Cape | | | | | | | | | |
| Somerset East, Bosberg Veterinary Clinic | | | | | | | | | |
| Dairy: 1 | | | | | | | | | |
| Three-day-stiffsickness | | | | | | | | | ^ |
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |

| 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

| | |
|------|---------|
| Goat | 2.0 (1) |
|------|---------|

North West

Brits, Brits Dierekliniek

Goat: 2

Trichomonosis

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | 1.8 (4) | | 1.5 (2) | 2.3 (4) | 2.3 (11) | 1.0 (1) | 1.0 (2) | | 2.0 (2) |

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

| | | | | | | | | | |
|-------|---------|--|---------|---------|----------|---------|---------|--|---------|
| Beef | 1.8 (4) | | 1.5 (2) | 2.3 (4) | 2.3 (11) | 1.0 (1) | 1.0 (2) | | 2.0 (1) |
| Dairy | | | | | | | | | 2.0 (1) |

Mpumalanga

Bethal, Bethal Dierekliniek

Beef: 3

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Middelburg , Middelburg Dierehospitaal

Beef: 1

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 1

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 1

Mokopane, Dr Henk Visser

Beef: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 1

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Stella, Stella Dierekliniek

Beef: 3

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2

Dewetsdorp, Platkop Dierekliniek

Beef: 2

Six bulls tested positive

Frankfort, Frankfort Direkliniek

Beef: 3

Hertzogville, Hertzogville Direkliniek

Beef: 1

Hoopstad, Hoopstad Direkliniek

Beef: 3

Kroonstad, Kroonstad Direhospitaal

Beef: 3

Ladybrand, Ladybrand Direkliniek

Beef: 2

Memel, Memel Veterinary Clinic

Beef: 2

Reitz, Riemland Direhospitaal

Beef: 2

Villiers, Wilgepoort Direkliniek Vennootskap

Beef: 3

Vrede, Vrede Direhospitaal

Beef: 2

Two new farms

Kwazulu-Natal

Newcastle, Ncanduvet Newcastle

Beef: 1

Eastern Cape

Alexandria, Riverview Trading Vet Consulting Services

Beef: 1

Queenstown, Queenstown Veterinary clinic

Beef: 1

Northern Cape

Kuruman, Kuruman Direkliniek

Dairy: 2

Postmasburg, Postmasburg Direkliniek

Beef: 2

Vibriosis

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 (3)

1.0 (2)

1.0 (1)

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

Beef

2.0 (1)

1.5 (2)

2.0 (3)

1.0 (1)

1.0 (1)

Dairy

1.0 (1)

Limpopo

Makhado, Blouberg Direkliniek

Beef: 2

North West

Stella, Stella Direkliniek

| Beef: 1 | | | | | | | | | |
|---|------------|---------|---------|------------|------------|---------------|--------------|--------------|-------------------|
| Vryburg, Vryburg Dierehospitaal | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Free State | | | | | | | | | |
| Clocolan, Clocolan Dierekliniek | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Dewetsdorp, Platkop Dierekliniek | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Two bulls tested positive | | | | | | | | | |
| Kroonstad, Kroonstad Dierehospitaal | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Eastern Cape | | | | | | | | | |
| Alexandria, Riverview Trading Vet Consulting Services | | | | | | | | | |
| Dairy: 1 | | | | | | | | | |
| Queenstown, Queenstown Veterinary clinic | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Western Cape | | | | | | | | | |
| Stellenbosch, Stellenbosch Animal Hospital | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Pizzle disease | | | | | | | | | ^ |
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | | | | | | | 1.0 (1) | 2.0 (1) | 2.5 (2) |
| Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported | | | | | | | | | |
| Sheep | | | | | | | 1.0 (1) | 2.0 (1) | 2.5 (2) |
| Eastern Cape | | | | | | | | | |
| Graaff-Reinet, Graaff Reinet Veterinary Clinic | | | | | | | | | |
| Sheep: 1 | | | | | | | | | |
| Western Cape | | | | | | | | | |
| Beaufort West, Beaufort Dierekliniek | | | | | | | | | |
| Sheep: 2 | | | | | | | | | |
| Northern Cape | | | | | | | | | |
| Calvinia, Calvinia Veeartskliniek | | | | | | | | | |
| Sheep: 3 | | | | | | | | | |
| De Aar, De Aar Veterinary Clinic | | | | | | | | | |
| Sheep: 2 | | | | | | | | | |
| Bacterial Disease (other) | | | | | | | | | |
| Blackquarter | | | | | | | | | ^ |
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | 1.3 (3) | | | 2.2 (6) | 2.3 (4) | 1.7 (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 | 1.3 (3) | 2.4 (5) | 2.3 (4) | 1.7 (6) | 1.0 (1) |
| Sheep | | | | 2.0 (1) | |
| Goat | | 1.0 (1) | | | |

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Middelburg , Middelburg Dierehospitaal

Beef: 1

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 1

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Lichtenburg, Dr CM Kruger-Rall

Beef: 2

Three cows

Goat: 1

Three goats

Stella, Stella Dierekliniek

Beef: 2

Ventersdorp, Ventersdorp Dierekliniek

Beef: 2

Free State

Clocolan, Clocolan Dierekliniek

Beef: 1

Dewetsdorp, Platkop Dierekliniek

Beef: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Ladybrand, Ladybrand Dierekliniek

Beef: 3

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 1

Dundee, Endumeni Herd health

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Clostridium novyi

Underberg, Underberg Veterinary Surgery

Beef: 2, Sheep: 2

Vryheid, Vryheid Privaat Veeartse

Beef: 2

Eastern Cape

Port Alfred, Port Alfred Veterinary Clinic

Beef: 1

Martindale

Botulism ^

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

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 1

Eastern Cape

Queenstown, Queenstown Provincial Vet Lab

Sheep: 1

Pulpy Kidney ^

| Province | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | | 2.0 (3) | | | 2.0 (4) | 1.0 (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

| | | | | | | | | |
|--------------|--|---------|--|---------|---------|---------|---------|--|
| Sheep | | 3.0 (1) | | 2.0 (4) | 1.0 (1) | 1.7 (3) | 2.0 (2) | |
| Goat | | 1.5 (2) | | | | | | |

[illegible]

Bronkhorstspruit, Kerkstraat Dierkliniek

Sheep: 3, Goat: 1

Hammanskraal, Themba Animal Clinic

Goat: 2

Free State

Clocolan, Clocolan Dierekliniek

Sheep: 2

Hoopstad, Hoopstad Dierkliniek

Sheep: 3

Viljoenskroon, Viljoenskroon Dierekliniek

Sheep: 1

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 2

Kwazulu-Natal**Newcastle, Ncanduvet Newcastle**

Sheep: 1

Eastern Cape**Aliwal North, Hertzogbrug Dierekliniek**

Sheep: 1

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2

Somerset East, Bosberg Veterinary Clinic

Sheep: 2

Western Cape**Caledon, Overberg Veterinary Hospital**

Sheep: 2

Malmesbury, Malmesbury Dierehospitaal

Sheep: 2

Lamb dysentery

| 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) | | |
| Goat | | | | | | | | | 1.0 (1) |

Eastern Cape**Queenstown, Queenstown Provincial Vet Lab**

Sheep: 1

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 | | 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 | | 3.0 (1) | | | | | | | |
| Sheep | | | | | | | | 1.0 (1) | |

Gauteng**Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 3

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

Sheep: 1

Swelled head disease

Red gut (cattle)

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

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 2

Free State

Memel, Memel Veterinary Clinic

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 1

Western Cape

Piketberg, Piketberg Dierehospitaal

Beef: 1

Swellendam, Swellendam Dierehospitaal

Dairy: 2

Blood gut (Sheep)

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | 1.0 (1) | | | 1.5 (2) | 2.0 (1) | | 2.0 (1) | 2.8 (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

| | | | | | | | | | |
|-------|---------|--|--|---------|---------|--|---------|---------|---------|
| Sheep | 1.0 (1) | | | 1.5 (2) | 2.0 (1) | | 2.0 (1) | 2.8 (4) | |
| Goat | | | | | | | | | 2.0 (1) |

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 1

North West

Christiana, Christiana Dierehospitaal

Sheep: 1

Ventersdorp, Ventersdorp Dierekliniek

Sheep: 2

Free State

Ficksburg, Oosvrystaat Diere Produkte

Sheep: 2

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2

Western Cape

Caledon, Overberg Veterinary Hospital

Sheep: 2

Darling, Tygerberg Dierehospitaal Darling

Sheep: 3

Oudtshoorn, Ostrimed

Sheep: 3

Piketberg, Piketberg Dierehospitaal

Sheep: 3

Northern Cape

Kuruman, Kuruman Dierekliniek

Goat: 2

Tetanus

| 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

| | | | | | | | | | |
|-------|--|---------|--|--|--|--|--|---------|--|
| Sheep | | | | | | | | 2.0 (1) | |
| Goat | | 2.0 (1) | | | | | | | |

Gauteng

Hammanskraal, Themba Animal Clinic

Goat: 2

Western Cape

Riversdale, Riversdal Dierekliniek

Sheep: 2

Salmonellosis

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

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Dairy: 2

Limpopo

Modimolle, Kranskop Dierekliniek

Beef: 3

Abortions , Salmonella II isolated on bacterial culture - suspected water as source of infection.

North West

Christiana, Christiana Dierehospitaal

Beef: 1

| <i>Brucella abortus</i> | | | | | | | | | ^ |
|---|------------|---------|---------|------------|------------|---------------|--------------|--------------|-------------------|
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | | | | 2.3 (3) | 2.0 (10) | 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 | | | | 2.3 (3) | 2.0 (10) | 3.0 (1) | 1.0 (1) | | |
| Sheep | | | | | | | | 1.0 (1) | |

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 1

Lichtenburg, Dr CM Kruger-Rall

Beef: 3

Thirteen tested positive

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2

Dewetsdorp, Platkop Dierekliniek

Beef: 1

Ficksburg, Oosvrystaat Dier Produkte

Beef: 1

Hertzogville, Hertzogville Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Memel, Memel Veterinary Clinic

Beef: 2

Reitz, Riemland Dierehospitaal

Beef: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 3

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Kwazulu-Natal

Vryheid, Vryheid Privaat Veeartse

Beef: 3

Eastern Cape

Queenstown, Queenstown Provincial Vet Lab

Beef: 1

Previous diagnosed positive herd on eradication program

Western Cape

Ceres, Ceres Veterinary Hospital

Sheep: 1

Ram

Brucella ovis

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | | | | | 2.3 (4) | | | 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 | | | | | 2.3 (4) | | | 2.0 (1) | 3.0 (1) |
|-------|--|--|--|--|---------|--|--|---------|---------|

Free State

Dewetsdorp, Platkop Dierekliniek

Sheep: 1

Frankfort, Frankfort Dierekliniek

Sheep: 3

Smithfield, Freestate Smithfield SV

Sheep: 2

Kopanong 3 Dorper rams

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 3

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 2

Rams were vaccinated

Northern Cape

Calvinia, Calvinia Veeartskliniek

Sheep: 3

Bovine Tuberculosis

| 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) | | | | | | |
|------|--|--|---------|--|--|--|--|--|--|

Limpopo

Mokopane, Dr Henk Visser

Beef: 1

Johne`s disease

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | | | | | | | | 1.8 (5) | |

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

| | | | | | | | | | |
|-------|--|--|--|--|--|--|--|---------|--|
| Sheep | | | | | | | | 1.8 (5) | |
|-------|--|--|--|--|--|--|--|---------|--|

Western Cape

Caledon, Caledon Dierekliniek

Sheep: 1

Caledon, Overberg Veterinary Hospital

Sheep: 2

Darling, Tygerberg Dierehospitaal Darling

Sheep: 3

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 1

Malmesbury, Malmesbury Dierehospitaal

Sheep: 2

Septicaemia

| 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) |

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 | | | | | | | | | 3.0 (1) |
|-------|--|--|--|--|--|--|--|--|---------|

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

Peritonitis

Kwazulu-Natal

Pietermaritzburg, Veterinary House Hospital

Beef: 2

Calves

Northern Cape

Calvinia, Calvinia Veeartskliniek

Sheep: 3

Septicaemia in lambs

E.coli

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | 1.5 (4) | 1.0 (1) | | 2.0 (1) | 2.5 (11) | 2.7 (3) | 2.0 (1) | 2.0 (1) | 2.0 (1) |

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

| | | | | | | | | |
|--------------|---------|---------|--|---------|---------|---------|---------|---------|
| Beef | 1.5 (2) | 1.0 (1) | | 2.0 (1) | 2.7 (3) | 2.5 (2) | | |
| Dairy | | | | | 2.0 (2) | | 2.0 (1) | |
| Sheep | 2.0 (1) | | | | 2.5 (6) | | 2.0 (1) | |
| Goat | 1.0 (1) | | | | | 3.0 (1) | | 2.0 (1) |

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 2, Sheep: 2

Nelspruit, Nelspruit Animal Hospital

Goat: 1

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 1

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 2

Free State

Bultfontein, Greylingrust Dieresprekkamer

Sheep: 2

Clocolan, Clocolan Dierekliniek

Beef: 2, Dairy: 2, Sheep: 2

Hertzogville, Hertzogville Dierekliniek

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierhospitaal

Dairy: 2, Sheep: 3

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3, Sheep: 3

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Goat: 3

Pietermaritzburg, Veterinary House Hospital

Beef: 2

Calves

Underberg, Underberg Veterinary Surgery

Beef: 3

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Dairy: 2

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 2

Lambs of Dorper ewes that were brought onto the farm recently. In the Merino lambs no deaths. Suspect Dorper lambs were not previously exposed to this *E. coli* strain and lambs did not receive immunity via the colostrum.

Northern Cape

Postmasburg, Postmasburg Dierekliniek

Goat: 2

Enzootic Abortion

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | 3.0 (1) | | 2.0 (2) | | 1.0 (1) | | 1.7 (3) | 1.5 (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 | | | 2.0 (1) | | | | 2.0 (1) | | |
| Dairy | | | 2.0 (1) | | | | | | |
| Sheep | 3.0 (1) | | | | 1.0 (1) | | 1.5 (2) | 1.3 (3) | |
| Goat | | | | | | | | 2.0 (1) | 2.0 (1) |

Mpumalanga**Middelburg , Middelburg Dierehospitaal**

Sheep: 3

Limpopo**Polokwane, Pietersburg Veterinary Clinic**

Beef: 2, Dairy: 2

Free State**Kroonstad, Kroonstad Dierehospitaal**

Sheep: 1

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

Beef: 2

Stillbirths - suspected

Queenstown, Queenstown Provincial Vet Lab

Sheep: 2

Witelsbos, Witelsbos Veterinary Consulting Rooms

Sheep: 1

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

Sheep: 1

Caledon, Overberg Veterinary Hospital

Sheep: 2

George, George Animal Hospital

Goat: 2

Stellenbosch, Stellenbosch Animal Hospital

Sheep: 1

Northern Cape**Kuruman, Kuruman Dierekliniek**

Goat: 2

Dermatophilosis (Lumpy Wool)

| 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) | | | | |
| Free State | | | | | | | | | |
| Ficksburg, Oosvrystaat Diere Produkte | | | | | | | | | |
| Sheep: 2 | | | | | | | | | |
| Intrauterine Gangrene | | | | | | | | | ^ |
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | | | | | | | 2.0 (1) | 2.0 (1) | 2.0 (1) |
| Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported | | | | | | | | | |
| Sheep | | | | | | | 2.0 (1) | | |
| Goat | | | | | | | | 2.0 (1) | 2.0 (1) |
| Eastern Cape | | | | | | | | | |
| Graaff-Reinet, Graaff Reinet Veterinary Clinic | | | | | | | | | |
| Sheep: 2 | | | | | | | | | |
| Western Cape | | | | | | | | | |
| Riversdale, Riversdal Dierekliniek | | | | | | | | | |
| Goat: 2 | | | | | | | | | |
| Northern Cape | | | | | | | | | |
| 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 (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) | | | |
| Kwazulu-Natal | | | | | | | | | |
| Estcourt, Estcourt Vet Clinic | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Pietermaritzburg, Veterinary House Hospital | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Fusibacterium necrophorum | | | | | | | | | ^ |

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

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Beef: 2, Dairy: 2

Protozoal diseases (other)

Besnoitiosis



| 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

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

Coccidiosis



| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | 2.0 (1) | 2.5 (2) | | 2.0 (1) | 2.0 (1) | | 1.6 (5) | 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 | | | | 2.0 (1) | | | | | |
| Dairy | | | | | | | 1.0 (1) | 1.0 (1) | |
| Sheep | | 3.0 (1) | | | 2.0 (1) | | 1.7 (3) | 2.0 (1) | |
| Goat | 2.0 (1) | 2.0 (1) | | | | | 2.0 (1) | | 2.0 (1) |

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Goat: 2

Gauteng

Hammanskraal, Themba Animal Clinic

Goat: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 3

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 2

Free State

Philippolis, Rowelsfontein veearts Spreekkamer

Sheep: 2

Eastern Cape

Cofimvaba, State Vet Cofimvaba

Sheep: 2

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Goat: 2

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 1

Queenstown, Queenstown Provincial Vet Lab

Sheep: 2

Witelsbos, Witelsbos Veterinary Consulting Rooms

Sheep: 1

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 1

Riversdale, Riversdal Dierekliniek

Sheep: 2

Northern Cape

Kuruman, Kuruman Dierekliniek

Goat: 2

Cryptosporidium



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

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

| | | | | | | | | | |
|-------|--|--|--|---------|---------|---------|---------|---------|--|
| Beef | | | | | 2.0 (1) | 1.7 (3) | | 2.0 (1) | |
| Dairy | | | | | 2.0 (1) | | 1.0 (1) | | |
| Sheep | | | | | 2.0 (1) | | | | |
| Goat | | | | 3.0 (1) | | | | | |

North West

Vryburg, Vryburg Dierehospitaal

Goat: 3

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2, Dairy: 2, Sheep: 2

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

Beef: 2

Kokstad, E.G.Veterinary Services

Beef: 2

In one herd of calves

Pietermaritzburg, Veterinary House Hospital

Beef: 1

Beef calves

Eastern Cape**Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 1

Western Cape**Darling, Tygerberg Dierehospitaal Darling**

Beef: 2

Fungal diseases**Ringworm**

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

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 1

Gauteng**Hammanskraal, Themba Animal Clinic**

Beef: 2

Pretoria, Anima Veterinary Consulting Rooms

Beef: 2

North West**Brits, Brits Dierekliniek**

Dairy: 3

Christiana, Christiana Dierehospitaal

Beef: 3

Free State**Bultfontein, Greylingrust Dieresprekkamer**

Beef: 2

Dewetsdorp, Platkop Dierekliniek

Beef: 3

Calves

Sheep: 2

Ficksburg, Oosvrystaat Diere Produkte

Beef: 2

Kroonstad, Kroonstad Dierehospitaal

Beef: 1

Philippolis, Rowelsfontein veearts Spreekkamer

Beef: 1

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Kwazulu-Natal

Underberg, Underberg Veterinary Surgery

Beef: 3

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Beef: 2

Western Cape

Caledon, Overberg Veterinary Hospital

Beef: 2, Dairy: 2

Oudtshoorn, Oudtshoorn Dierekliniek

Beef: 1

Riversdale, Riversdal Dierekliniek

Beef: 2

Viral Diseases (other)

BMC

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

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

| | | | | | | | | | |
|-------|--|--|---------|---------|---------|---------|---------|---------|--|
| Beef | | | 2.0 (2) | 1.0 (1) | 1.0 (1) | 2.0 (1) | 1.0 (1) | 1.0 (1) | |
| Dairy | | | | 1.0 (2) | | | | | |

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 2

Four cases

Mokopane, Dr Henk Visser

Beef: 2

North West

Brits, Brits Dierekliniek

Dairy: 1

Stella, Stella Dierekliniek

Dairy: 1

Vryburg, Vryburg Dierehospitaal

Beef: 1

Free State

Hertzogville, Hertzogville Dierekliniek

Beef: 1

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

Beef: 2

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

Beef: 1

Western Cape**Darling, Tygerberg Dierehospitaal Darling**

Beef: 1

Suspected

Rabies

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

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

| | | | | | | | | | |
|------|--|--|--|---------|--|--|---------|--|--|
| Beef | | | | 1.0 (2) | | | 1.0 (1) | | |
|------|--|--|--|---------|--|--|---------|--|--|

North West**Christiana, Christiana Dierehospitaal**

Beef: 1

Lichtenburg, Dr CM Kruger-Rall

Beef: 1

Eastern Cape**Queenstown, Queenstown Provincial Vet Lab**

Beef: 1

Case from Mthatha

BVD (Bovine viral diarrhoea)

| 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) | 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) | 1.0 (1) | | | | 1.0 (1) | 3.0 (1) |
|------|--|--|---------|---------|--|--|--|---------|---------|

Limpopo**Polokwane, Pietersburg Veterinary Clinic**

Beef: 1

North West**Vryburg, Vryburg Dierehospitaal**

Beef: 1

Western Cape**Piketberg, Piketberg Dierehospitaal**

Beef: 1

Northern Cape

Postmasburg, Postmasburg Dierekliniek

Beef: 3

IBR (Infectious bovine rhinotracheitis)

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | | | 1.0 (1) | | | 1.5 (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 | | | 1.0 (1) | | | 1.5 (2) | 2.0 (1) | | |
| Dairy | | | | | | | | 3.0 (1) | |

Limpopo**Polokwane, Pietersburg Veterinary Clinic**

Beef: 1

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

Beef: 2

Underberg, Underberg Veterinary Surgery

Beef: 1

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

Beef: 2

Stillbirths - suspected, Langholm (7) and Port Alfred (5)

Western Cape**Malmesbury, Dr Otto Kriek**

Dairy: 3

The numbers of animals with clear mucous discharge from nostrils are increasing slightly as is expected at this time of year.

Enzootic Bovine Leucosis (EBL)

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

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

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

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

Beef: 1

Eastern Cape**Alexandria, Alexandria Platteland Spreekkamer**

Beef: 1

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 1

Somerset East, Bosberg Veterinary Clinic

Dairy: 1

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Dairy: 2

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Worcester, Durban Straat Dierekliniek Worcester

Beef: 2

Jaagsiekte

| 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)

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 1

Orf

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | 1.0 (2) | 1.0 (1) | | 2.3 (4) | 1.7 (6) | 2.0 (2) | 2.0 (3) | 2.0 (2) | 2.5 (2) |

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

| | | | | | | | | | |
|-------|---------|---------|--|---------|---------|---------|---------|---------|---------|
| Sheep | 1.0 (1) | | | 2.0 (2) | 1.8 (5) | 2.0 (1) | 2.0 (1) | 2.0 (2) | 2.0 (1) |
| Goat | 1.0 (1) | 1.0 (1) | | 2.5 (2) | 1.0 (1) | 2.0 (1) | 2.0 (2) | | 3.0 (1) |

Mpumalanga

Balfour, Balfour Dierekliniek

Sheep: 1

Nelspruit, Nelspruit Animal Hospital

Goat: 1

Gauteng

Hammanskraal, Themba Animal Clinic

Goat: 1

North West

Christiana, Christiana Dierehospitaal

Sheep: 2

Klerksdorp, Klerksdorp Dierehospitaal

Sheep: 2, Goat: 2

Vryburg, Vryburg Dierehospitaal

Goat: 3

Free State**Hertzogville, Hertzogville Dierekliniek**

Sheep: 2

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

Philippolis, Rowelsfontein veearts Spreekkamer

Sheep: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Sheep: 1, Goat: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

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

Goat: 2

Underberg, Underberg Veterinary Surgery

Sheep: 2

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

Goat: 3

Martindale

Queenstown, Queenstown Provincial Vet Lab

Goat: 1

Witelsbos, Witelsbos Veterinary Consulting Rooms

Sheep: 2

Western Cape**Malmesbury, Malmesbury Dierehospitaal**

Sheep: 2

Piketberg, Piketberg Dierehospitaal

Sheep: 2

Northern Cape**Postmasburg, Postmasburg Dierekliniek**

Goat: 3

Upington, Upington Veeartsenykliniek

Sheep: 2

Warts

| 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) | 1.0 (1) | 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 | | | | 1.0 (1) | 2.0 (2) | 1.7 (3) | 1.0 (1) | 2.0 (1) | 3.0 (1) |
| Sheep | | | | | 2.0 (1) | | | | |

North West**Christiana, Christiana Dierehospitaal**

Beef: 1

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 1

Hertzogville, Hertzogville Dierekliniek

Sheep: 2

Trompsburg, Dr. Wyn Irwin

Beef: 3

Weaners, warts around the face

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

Beef: 1

Newcastle, Ncanduvet Newcastle

Beef: 1

Pietermaritzburg, Veterinary House Hospital

Beef: 3

Rural cattle herds - constant issue

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

Beef: 1

Western Cape**Darling, Tygerberg Dierehospitaal Darling**

Beef: 2

Northern Cape**Kimberley, Kimberley Dierekliniek**

Beef: 3

Rota virus

| 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) | |

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

Beef: 2

Two herds

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

Dairy: 2

Corona Virus

| 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 | | | | | | | | | |
| Kokstad, E.G.Veterinary Services | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Two herds | | | | | | | | | |
| Other viral disease not listed | | | | | | | | | ^ |
| 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) | |
| Western Cape | | | | | | | | | |
| Worcester, Durban Straat Dierekliniek Worcester | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| 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) | 1.3 (3) | |
| Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported | | | | | | | | | |
| Beef | | | | | | | | 1.0 (2) | |
| Sheep | | | | | | | 1.0 (1) | 2.0 (1) | |
| Eastern Cape | | | | | | | | | |
| Queenstown, Queenstown Provincial Vet Lab | | | | | | | | | |
| Sheep: 1 | | | | | | | | | |
| Western Cape | | | | | | | | | |
| Beaufort West, Beaufort Dierekliniek | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Beaufort West, Beaufort West State Vet | | | | | | | | | |
| Beef: 1, Sheep: 2 | | | | | | | | | |
| Cestrum | | | | | | | | | ^ |
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | | 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 (1) | | | | | | | | |
| Sheep | 1.0 (2) | | | | | | | | |
| Gauteng | | | | | | | | | |
| Bronkhorstspuit, Kerkstraat Dierekliniek | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Eastern Cape | | | | | | | | | |
| Cofimvaba, State Vet Cofimvaba | | | | | | | | | |
| Sheep: 1 | | | | | | | | | |
| Histopathology not able to differentiate between it or acute Seneciosis. Both present in area | | | | | | | | | |
| Queenstown, Queenstown Provincial Vet Lab | | | | | | | | | |
| Sheep: 1 | | | | | | | | | |
| Could be Senecio. Histopathology could not differentiate and both present in area. | | | | | | | | | |
| Cynanchum poisoning | | | | | | | | | |
| 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) | | | | | | | | |
| Western Cape | | | | | | | | | |
| Riversdale, Riversdal Dierekliniek | | | | | | | | | |
| Sheep: 2 | | | | | | | | | |
| Facial eczema | | | | | | | | | |
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | | | | | 1.0 (1) | | | 1.0 (3) | |
| Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported | | | | | | | | | |
| Beef | | | | | 1.0 (1) | | | 1.0 (1) | |
| Dairy | | | | | | | | 1.0 (1) | |
| Sheep | | | | | | | | 1.0 (1) | |
| Free State | | | | | | | | | |
| Ficksburg, Oosvrystaat Diere Produkte | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Western Cape | | | | | | | | | |
| Beaufort West, Beaufort West State Vet | | | | | | | | | |
| Sheep: 1 | | | | | | | | | |
| Heidelberg (WC), Heidelberg Dierekliniek | | | | | | | | | |
| Beef: 1, Dairy: 1 | | | | | | | | | |
| Geeldikkop/Dikoor | | | | | | | | | |

| 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

| | | | | | | | | | |
|-------|--|--|--|--|---------|--|---------|--|--|
| Sheep | | | | | 3.0 (1) | | 2.0 (1) | | |
|-------|--|--|--|--|---------|--|---------|--|--|

Free State

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Eastern Cape

Witelsbos, Witelsbos Veterinary Consulting Rooms

Sheep: 2

| | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|-------------------|
| Gifblaar | | | | | | | | | ^ |
|----------|--|--|--|--|--|--|--|--|-------------------|

| 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) | | | | | | | |
|------|--|---------|--|--|--|--|--|--|--|

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

| | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|-------------------|
| Lantana | | | | | | | | | ^ |
|---------|--|--|--|--|--|--|--|--|-------------------|

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

| | | | | | | | | | |
|---------|--|--|---------|--|--|---------|--|--|--|
| Average | | | 3.0 (1) | | | 2.0 (2) | | | |
|---------|--|--|---------|--|--|---------|--|--|--|

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

| | | | | | | | | | |
|------|--|--|---------|--|--|---------|--|--|--|
| Beef | | | 3.0 (1) | | | 2.0 (2) | | | |
|------|--|--|---------|--|--|---------|--|--|--|

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3

Huge problem due to poor grazing conditions

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 2

Beef: 2

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 3

North West

Klerksdorp, Buffeldoorn Dierehospitaal

Beef: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 2

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State

Hertzogville, Hertzogville Dierekliniek

Beef: 2

Kroonstad, Kroonstad Dierehospitaal

Beef: 1

Memel, Memel Veterinary Clinic

Beef: 2

Reitz, Riemland Dierehospitaal

Beef: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Bergville, Tugela Vet Clinic

Beef: 2

Kokstad, E.G.Veterinary Services

Beef: 2

Mooi River, Mooirivier Vet Clinic

Beef: 2

Newcastle, Ncanduvet Newcastle

Beef: 1

Underberg, Underberg Veterinary Surgery

Beef: 3

Emerging farmers grazing river lands

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2

Somerset East, Bosberg Veterinary Clinic

Dairy: 2

Adult dairy cows eating plants on the edge of a centre pivot

Western Cape

Caledon, Caledon Dierekliniek

Beef: 2

Caledon, Overberg Veterinary Hospital

Beef: 2, Dairy: 2

Darling, Tygerberg Dierehospitaal Darling

Beef: 3

Malmesbury, Malmesbury Dierehospitaal

Sheep: 2

Piketberg, Piketberg Dierehospitaal

Beef: 3

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Mycotoxiosis

| 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

Dairy

2.0 (1)

Western Cape**Malmesbury, Malmesbury Dierehospitaal**

Dairy: 2

Diplodiosis

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

Average2.0
(2)

1.0 (1)

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

Beef2.0
(1)

1.0 (1)

Sheep2.0
(1)**Free State****Clocolan, Clocolan Dierekliniek**

Beef: 2, Sheep: 2

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

Beef: 1

Other

| 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

Goat

2.0 (1)

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Goat: 2

Selonsroos, *Nerium oleander***Poisonings****Water contamination**

| 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)

Goat

1.0 (1)

Limpopo**Mokopane, Dr Henk Visser**

Goat: 1

North West**Christiana, Christiana Dierehospitaal**

Beef: 1

Urea Poisoning

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

Average

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

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

Beef

1.0 (1) 2.0 (1)

Sheep

1.0 (1)

North West**Klerksdorp, Klerksdorp Dierehospitaal**

Sheep: 1

Free State**Reitz, Riemland Dierehospitaal**

Beef: 1

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

Beef: 2

Copper 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) |
| Western Cape | | | | | | | | | |
| Beaufort West, Beaufort West State Vet | | | | | | | | | |
| Sheep: 1 | | | | | | | | | |
| Area where toxicity occurs regularly | | | | | | | | | |
| 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) | 2.5 (2) | 2.0 (6) | 2.5 (4) | 2.0 (8) | 2.2 (5) | 2.3 (10) | 2.0 (3) | 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 | 1.5 (2) | 2.0 (1) | 2.0 (2) | 2.3 (3) | 2.2 (5) | 2.3 (4) | 3.0 (2) | 2.0 (1) | 2.0 (1) |
| Dairy | | | | | | | | 2.0 (1) | |
| Sheep | 1.0 (1) | | 2.0 (2) | | 2.0 (2) | 2.0 (1) | 2.0 (6) | 2.0 (1) | 2.5 (2) |
| Goat | | 3.0 (1) | 2.0 (2) | 3.0 (1) | 1.0 (1) | | 2.5 (2) | | 2.0 (1) |
| Mpumalanga | | | | | | | | | |
| Balfour, Balfour Dierekliniek | | | | | | | | | |
| Beef: 1, Sheep: 1 | | | | | | | | | |
| Nelspruit, Nelspruit Animal Hospital | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Gauteng | | | | | | | | | |
| Hammanskraal, Themba Animal Clinic | | | | | | | | | |
| Beef: 2, Goat: 3 | | | | | | | | | |
| Limpopo | | | | | | | | | |
| Makhado, Blouberg Dierekliniek | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Weak animals due to dry conditions. Rumen stasis huge problem (droëgalsiekte) | | | | | | | | | |
| Sheep: 3, Goat: 3 | | | | | | | | | |
| Polokwane, Pietersburg Veterinary Clinic | | | | | | | | | |
| Beef: 1, Sheep: 1, Goat: 1 | | | | | | | | | |
| North West | | | | | | | | | |
| Christiana, Christiana Dierehospitaal | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Klerksdorp, Klerksdorp Dierehospitaal | | | | | | | | | |
| Beef: 3, Goat: 3 | | | | | | | | | |
| Leeudoringstad, Leeudoringstad Dierekliniek | | | | | | | | | |
| Beef: 2 | | | | | | | | | |

| | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|
| Free State | | | | | | | | | |
| Clocolan, Clocolan Dierekliniek | | | | | | | | | |
| Sheep: 2 | | | | | | | | | |
| Ficksburg, Oosvrystaat Diere Produkte | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Roughage deficiency as farmers have problems harvesting maize, maize fields too wet, silo's full. | | | | | | | | | |
| Memel, Memel Veterinary Clinic | | | | | | | | | |
| Beef: 2, Sheep: 2, Goat: 1 | | | | | | | | | |
| Parys, Parys Dierehospitaal | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Droëgalsiekte | | | | | | | | | |
| Reitz, Riemland Dierehospitaal | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Viljoenskroon, Viljoenskroon Dierekliniek | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Kwazulu-Natal | | | | | | | | | |
| Bergville, Bergville Veterinary Clinic | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Mooi River, Mooirivier Vet Clinic | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Pietermaritzburg, Veterinary House Hospital | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Rural cattle | | | | | | | | | |
| Underberg, Underberg Veterinary Surgery | | | | | | | | | |
| Beef: 2, Sheep: 2 | | | | | | | | | |
| Eastern Cape | | | | | | | | | |
| Alexandria, Alexandria Platteland Spreekkamer | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Cofimvaba, State Vet Cofimvaba | | | | | | | | | |
| Sheep: 2 | | | | | | | | | |
| MME lambs | | | | | | | | | |
| Graaff-Reinet, Graaff Reinet Veterinary Clinic | | | | | | | | | |
| Sheep: 2, Goat: 2 | | | | | | | | | |
| Humansdorp, Humansdorp Veterinary Clinic | | | | | | | | | |
| Sheep: 1 | | | | | | | | | |
| Middelburg (EC), Steynsburg Dierehospitaal | | | | | | | | | |
| Beef: 3, Sheep: 3, Goat: 3 | | | | | | | | | |
| Queenstown, Queenstown Provincial Vet Lab | | | | | | | | | |
| Sheep: 2 | | | | | | | | | |
| MME cases in lambs | | | | | | | | | |
| Somerset East, Bosberg Veterinary Clinic | | | | | | | | | |
| Sheep: 2 | | | | | | | | | |
| Western Cape | | | | | | | | | |
| Malmesbury, Malmesbury Dierehospitaal | | | | | | | | | |
| Beef: 2, Dairy: 2, Sheep: 2 | | | | | | | | | |
| Northern Cape | | | | | | | | | |
| De Aar, De Aar Veterinary Clinic | | | | | | | | | |
| Sheep: 3 | | | | | | | | | |
| 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) | 2.5 (2) | 2.0 (6) | 2.0 (2) | 1.9 (8) | 2.5 (2) | 2.8 (4) | 1.5 (2) | 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 | 1.5 (2) | 2.0 (1) | 2.0 (2) | 2.0 (2) | 2.0 (4) | 2.5 (2) | 2.5 (2) | 1.0 (1) | 2.0 (1) |
| Dairy | | | | | 1.0 (1) | | | 2.0 (1) | |
| Sheep | 1.0 (1) | | 2.0 (2) | | 2.5 (2) | | 3.0 (1) | | 2.7 (3) |
| Goat | | 3.0 (1) | 2.0 (2) | | 1.0 (1) | | 3.0 (1) | | 2.0 (1) |

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Sheep: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 2, Goat: 3

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3

Weak animals due to dry conditions

Sheep: 3, Goat: 3

Polokwane, Pietersburg Veterinary Clinic

Beef: 1, Sheep: 1, Goat: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 2

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 2

Free State

Ficksburg, Oosvrystaat Dier Produkte

Beef: 3

Insufficient feed

Kroonstad, Kroonstad Dierehospitaal

Beef: 1, Dairy: 1

Memel, Memel Veterinary Clinic

Beef: 2, Sheep: 2, Goat: 1

Reitz, Riemland Dierehospitaal

Beef: 2

Trompsburg, Dr. Wyn Irwin

Sheep: 3

Lean ewes weaning their lambs need supplements before going to rams

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Pietermaritzburg, Veterinary House Hospital

Beef: 2

Rural cattle

Eastern Cape**Aliwal North, Hertzogbrug Direklinik**

Beef: 2

Middelburg (EC), Steynsburg Dierehospitaal

Beef: 3, Sheep: 3, Goat: 3

Western Cape**Malmesbury, Invitrotech**

Dairy: 2

Cows in poor condition

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Northern Cape**Colesberg, Karoo Veterinary Hospital**

Sheep: 3

Cachexia (very lean)

De Aar, De Aar Veterinary Clinic

Sheep: 3

Postmasburg, Postmasburg Direklinik

Beef: 2, Sheep: 2, Goat: 2

Phosphate deficiency

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

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

| | | | | | | | | | |
|--------------|--|--|--|---------|--|--|--|---------|---------|
| Beef | | | | 3.0 (1) | | | | | 2.0 (1) |
| Dairy | | | | | | | | 2.0 (1) | 2.0 (1) |

North West**Christiana, Christiana Dierehospitaal**

Beef: 3

Western Cape**Malmesbury, Malmesbury Dierehospitaal**

Dairy: 2

Northern Cape**Kuruman, Kuruman Direklinik**

Dairy: 2

Postmasburg, Postmasburg Direklinik

Beef: 2

Calcium deficiency

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | 1.0 (1) | | | 1.0 (1) | 1.8 (4) | 2.5 (2) | 1.5 (2) | 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 | 1.0 (1) | 1.0 (1) | 2.0 (1) | 1.0 (1) | 1.0 (1) |
| Dairy | | 1.0 (1) | 3.0 (1) | 2.0 (1) | 2.0 (3) |
| Sheep | | 2.0 (3) | | | 2.0 (2) |

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 1

Free State

Kroonstad, Kroonstad Dierehospitaal

Dairy: 1

Ladybrand, Ladybrand Dierekliniek

Sheep: 2

Philippolis, Rowelsfontein veearts Spreekkamer

Sheep: 2

Reitz, Riemland Dierehospitaal

Sheep: 2

Kwazulu-Natal

Mooi River, Mooirivier Vet Clinic

Beef: 2

Underberg, Underberg Veterinary Surgery

Dairy: 3

Dairy farmer including sheep lick concentrate in dry cow ration

Eastern Cape

Somerset East, Bosberg Veterinary Clinic

Beef: 1, Dairy: 2

Western Cape

Caledon, Overberg Veterinary Hospital

Sheep: 2

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Malmesbury, Dr Otto Kriek

Sheep: 2

Malmesbury, Malmesbury Dierehospitaal

Dairy: 2

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Swellendam, Swellendam Dierehospitaal

Dairy: 2

Micro Nutritional Problems

Iodine deficiency



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

Bergville, Bergville Veterinary Clinic

Beef: 2

Copper deficiency

| 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

Bergville, Bergville Veterinary Clinic

Beef: 2

Zinc deficiency

| 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

Bergville, Bergville Veterinary Clinic

Beef: 2

Selenium deficiency

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

Average

3.0 (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 | | | | | | | | | |
|-------------|--|--|--|--|--|--|--|--|--|

2.0 (1)

1.0 (1)

| | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|
| Sheep | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|

3.0 (1)

North West

Christiana, Christiana Dierehospitaal

Sheep: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Eastern Cape**Humansdorp, Humansdorp Veterinary Clinic**

Beef: 1

Magnesium deficiency

| 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) | | | | | |
| Dairy | | | | | 1.0 (1) | | | | |

North West**Vryburg, Vryburg Dierehospitaal**

Beef: 2

Free State**Wesselsbron, Wesselsbron Dierekliniek**

Dairy: 1

Manganese deficiency

| 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**Bergville, Bergville Veterinary Clinic**

Beef: 2

Vitamin A deficiency

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | | | | 3.0 (1) | 3.0 (5) | 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 | | | | 3.0 (1) | 3.0 (3) | 2.0 (1) | | | |
| Sheep | | | | | 3.0 (2) | | | 1.0 (1) | |

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Free State

Clocolan, Clocolan Dierekliniek

Beef: 3

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 3, Sheep: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Western Cape

Oudtshoorn, Ostrimed

Sheep: 1

Vitamin A deficiency. Slight eye problems – tears/ dust

Vitamin B 1 deficiency [^](#)

| 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

| | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|---------|--|
| Sheep | | | | | | | | 2.0 (1) | |
| Goat | | | | | | | | 1.0 (1) | |

Western Cape

Beaufort West, Beaufort West State Vet

Goat: 1

Feedlot condition, nervous symptoms.

Ceres, Ceres Veterinary Hospital

Sheep: 2

Vitamin B 1 deficiency

Multi-factorial Disease Conditions

Abortions [^](#)

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

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Bethal, Bethal Dierekliniek

Sheep: 1

Middelburg , Middelburg Dierehospitaal

Sheep: 3

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 1, Sheep: 1

Magaliesburg, Magaliesburg; Dr Ryan Jeffrey

Beef: 3

Limpopo

Modimolle, Kranskop Dierekliniek

Beef: 3, Sheep: 2

Two Dorper ewes

Tzaneen, ZZ2 Farm Practice

Beef: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2, Sheep: 2

Rustenburg, Bergbos Dierekliniek

Beef: 2

Stella, Stella Dierekliniek

Beef: 3, Sheep: 3

Vryburg, Vryburg Dierehospitaal

Beef: 2

Free State

Bultfontein, Greylingrust Dierespreekkamer

Sheep: 2

Clocolan, Clocolan Dierekliniek

Beef: 2

Hertzogville, Hertzogville Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 1

Ladybrand, Ladybrand Dierekliniek

Sheep: 1

Reitz, Riemland Dierehospitaal

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

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

Beef: 2

Mooi River, Mooirivier Vet Clinic

Beef: 1

Pietermaritzburg, Veterinary House Hospital

Beef: 2, Goat: 2

Underberg, Underberg Veterinary Surgery

Beef: 3

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

Sheep: 2

Queenstown, Queenstown Provincial Vet Lab

Sheep: 1

Western Cape**Caledon, Caledon Dierekliniek**

Dairy: 2

Malmesbury, Dr Otto Kriek

Dairy: 2

Malmesbury, Malmesbury Dierehospitaal

Beef: 2, Dairy: 3

Swellendam, Swellendam Dierehospitaal

Dairy: 3

Northern Cape**Postmasburg, Postmasburg Dierekliniek**

Goat: 3

| Stillbirths | | | | | | | | | ^ |
|---|------------|---------|---------|------------|------------|---------------|--------------|--------------|---|
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | |
| Average | | 3.0 (1) | | 2.0 (2) | 2.2 (5) | 2.0 (3) | 2.0 (1) | 2.0 (3) | |
| Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported | | | | | | | | | |
| Beef | | 3.0 (1) | | 2.0 (2) | 2.0 (4) | 2.0 (2) | 2.0 (1) | 2.0 (1) | |
| Dairy | | | | | | | | 2.0 (1) | |
| Sheep | | | | | 3.0 (1) | | | 2.0 (1) | |
| Goat | | | | | | 2.0 (1) | | | |

Gauteng**Magaliesburg, Magaliesburg; Dr Ryan Jeffrey**

Beef: 3

Cows with high temperatures (39 to 41 degrees celcius). Lot of dystocias , 2 deformed calves. Cows on intensive and extensive grazing systems. Some cows have a haemorrhagic gastroenteritis, recover within 1 to 3 days. Samples sent the Onderstepoort for evaluation. Viral infection, BVD?

North West**Rustenburg, Bergbos Dierekliniek**

Beef: 2

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

Limpopo

Modimolle, Kranskop Dierekliniek

Beef: 1

Abscess on sheath of bull

Tzaneen, ZZ2 Farm Practice

Beef: 2

North West

Brits, Brits Dierekliniek

Dairy: 2, Goat: 2

Klerksdorp, Klerksdorp Dierhospitaal

Beef: 2

Ventersdorp, Ventersdorp Dierekliniek

Beef: 2

Free State

Bultfontein, Greylingrust Dierespreekkamer

Beef: 2, Sheep: 2

Clocolan, Clocolan Dierekliniek

Beef: 2, Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Ladybrand, Ladybrand Dierekliniek

Beef: 1

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Kwazulu-Natal

Mooi River, Mooirivier Vet Clinic

Beef: 1

Pietermaritzburg, Veterinary House Hospital

Beef: 1

Pongola, Pongola Animal Clinic

Beef: 1

Eastern Cape

Cofimvaba, State Vet Cofimvaba

Beef: 2

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 1

Port Alfred, Port Alfred Veterinary Clinic

Goat: 1

Bathurst

Western Cape

Caledon, Overberg Veterinary Hospital

Dairy: 2

Darling, Tygerberg Dierhospitaal Darling

Sheep: 3

Malmesbury, Malmesbury Dierhospitaal

Beef: 2, Dairy: 3, Sheep: 2

Northern Cape

De Aar, De Aar Veterinary Clinic

Sheep: 2

Trueperella pyogenes and *Corynebacterium pseudotuberculosis*

Upington, Upington Veeartsenykliniek

Sheep: 2

Abscesses in general

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

| | | | | | | | | | |
|---------|--|---------|--|---------|---------|--|--|--|--|
| Average | | 2.0 (1) | | 2.0 (3) | 2.3 (7) | | | | |
|---------|--|---------|--|---------|---------|--|--|--|--|

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

| | | | | | | | | | |
|------|--|---------|--|---------|---------|--|--|--|--|
| Beef | | 2.0 (1) | | 2.0 (2) | 2.3 (4) | | | | |
|------|--|---------|--|---------|---------|--|--|--|--|

| | | | | | | | | | |
|-------|--|--|--|--|---------|--|--|--|--|
| Sheep | | | | | 2.3 (3) | | | | |
|-------|--|--|--|--|---------|--|--|--|--|

| | | | | | | | | | |
|------|--|--|--|---------|--|--|--|--|--|
| Goat | | | | 2.0 (1) | | | | | |
|------|--|--|--|---------|--|--|--|--|--|

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 2

North West

Brits, Brits Dierekliniek

Beef: 2, Goat: 2

Stella, Stella Dierekliniek

Beef: 2

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 2

Clocolan, Clocolan Dierekliniek

Beef: 2, Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 2, Sheep: 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) | |
|---------|--|--|--|---------|--|--|--|---------|--|

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) | |
|-------|--|--|--|--|--|--|--|---------|--|

North West

Klerksdorp, Buffeldoorn Dierehospitaal

Beef: 1

Urolithiasis - calf

Western Cape

Stellenbosch, Stellenbosch Animal Hospital

Sheep: 1

Blindness

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

| | | | | | | | | | |
|-------|--|--|--|--|---------|---------|---------|---------|---------|
| Beef | | | | | 2.5 (2) | 1.0 (1) | 1.0 (1) | | |
| Dairy | | | | | | | | 2.0 (1) | 3.0 (1) |
| Sheep | | | | | 3.0 (1) | | 1.0 (1) | 2.0 (1) | |

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Reitz, Riemland Dierehospitaal

Beef: 2

Kwazulu-Natal

Pietermaritzburg, Veterinary House Hospital

Beef: 1

Newborn Calf

Eastern Cape

Cofimvaba, State Vet Cofimvaba

Beef: 1

Severe corneal opacity

Sheep: 1

Congenital

Western Cape

Beaufort West, Beaufort Dierekliniek

Sheep: 2

Malmesbury, Malmesbury Dierehospitaal

Dairy: 2

Northern Cape

Kuruman, Kuruman Dierekliniek

Dairy: 3

Bloat

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | | | | | 1.8 (6) | 1.7 (3) | 1.0 (1) | 2.0 (5) | 1.0 (1) |

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

| | | | | | | |
|--------------|--|------------|---------|---------|---------|---------|
| Beef | | 1.8 (5) | 1.5 (2) | 1.0 (1) | 1.7 (3) | 1.0 (1) |
| Dairy | | | 2.0 (1) | | 2.5 (2) | |
| Sheep | | 2.0 (1) | | | | |

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2

Hertzogville, Hertzogville Dierekliniek

Beef: 2

Kroonstad, Kroonstad Dierehospitaal

Beef: 1

Ladybrand, Ladybrand Dierkliniek

Sheep: 2

Reitz, Riemland Dierhospitaal

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Estcourt, Estcourt Vet Clinic

Dairy: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 1

Eastern Cape

Alexandria, Riverview Trading Vet Consulting Services

Beef: 1

Western Cape

Caledon, Caledon Dierekliniek

Beef: 1

Darling, Tygerberg Dierehospitaal Darling

Dairy: 3

Malmesbury, Malmesbury Dierhospitaal

Beef: 2, Dairy: 2

Riversdale, Riversdal Dierekliniek

Beef: 2

Northern Cape

Kimberley, Kimberley Dierkliniek

Beef: 1

Free gas bloat

Blood gut (sheep and goat)



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

Northern Cape

Kuruman, Kuruman Dierekliniek

Goat: 2

Upington, Upington Veeartsenykliniek

Sheep: 2

Blue udder

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

| | | | | | | | | | |
|--------------|--|--|--|--|---------|--|---------|---------|---------|
| Dairy | | | | | 2.0 (1) | | | 2.0 (1) | |
| Sheep | | | | | 2.0 (2) | | | 1.0 (1) | |
| Goat | | | | | | | 1.0 (1) | | 2.0 (1) |

Free State

Kroonstad, Kroonstad Dierehospitaal

Dairy: 2

Smithfield, Freestate Smithfield SV

Sheep: 2

Mohokare - One udder necrotic, 2 survived after antibiotic treatment. Udders damaged

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Eastern Cape

Port Alfred, Port Alfred Veterinary Clinic

Goat: 1

Martindale

Western Cape

Caledon, Caledon Dierekliniek

Sheep: 1

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 2

Northern Cape

Postmasburg, Postmasburg Dierekliniek

Goat: 2

Diarrhoea

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

| | | | | | | |
|----------------|---------|---------|----------|---------|---------|---------|
| Average | 1.4 (5) | 3.0 (3) | 2.1 (15) | 1.9 (7) | 1.8 (5) | 2.4 (9) |
|----------------|---------|---------|----------|---------|---------|---------|

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

| | | | | | | |
|--------------|---------|---------|---------|---------|---------|---------|
| Beef | 1.3 (3) | 3.0 (2) | 2.3 (7) | 2.0 (5) | 1.0 (1) | |
| Dairy | | | 2.0 (2) | | 3.0 (1) | 2.3 (6) |
| Sheep | 1.5 (2) | 3.0 (1) | 2.2 (5) | | 1.5 (2) | 2.5 (2) |
| Goat | | | 1.0 (1) | 1.5 (2) | 2.0 (1) | 3.0 (1) |

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 2, Sheep: 2

Middelburg , Middelburg Dierehospitaal

Beef: 1, Sheep: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 3, Sheep: 3

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 2, Sheep: 2

Clocolan, Clocolan Dierekliniek

Beef: 2, Dairy: 3, Sheep: 2

Ficksburg, Oosvrystaat Diere Produkte

Goat: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 2, Sheep: 2

Ladybrand, Ladybrand Dierekliniek

Beef: 2

Reitz, Riemland Dierehospitaal

Beef: 2, Sheep: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Wesselsbron, Wesselsbron Dierekliniek

Dairy: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Bergville, Tugela Vet Clinic

Beef: 2, Goat: 2

Mooi River, Mooirivier Vet Clinic

Beef: 1

Pietermaritzburg, Veterinary House Hospital

| |
|---|
| Beef: 3 |
| Calves |
| Pongola, Pongola Animal Clinic |
| Beef: 1, Goat: 1 |
| Eastern Cape |
| Humansdorp, Humansdorp Veterinary Clinic |
| Sheep: 2 |
| Jeffreys Bay, Cape Cross Veterinary Hospital |
| Dairy: 3 |
| Port Alfred, Port Alfred Veterinary Clinic |
| Beef: 1 |
| Langholm - calf |
| Goat: 2 |
| Bathurst (2); Port Alfred (1) |
| Uitenhage, Uitenhage Dierehospitaal |
| Sheep: 1 |
| Western Cape |
| Caledon, Caledon Dierekliniek |
| Dairy: 2 |
| Darling, Tygerberg Dierehospitaal Darling |
| Dairy: 3 |
| Ration change |
| Malmesbury, Invitrotech |
| Dairy: 2 |
| Malmesbury, Malmesbury Dierehospitaal |
| Dairy: 2, Sheep: 2 |
| Oudtshoorn, Ostrimed |
| Sheep: 3 |
| Associated with mouldy feed – drought, low cost and last stored roughage. Cheaper maize results in feeding high volumes of maize, more of a acidosis condition underlying. Bacterial cause? |
| Goat: 3 |
| Associated with mouldy feed – drought, low cost and last stored roughage. Cheaper maize results in feeding high volumes of maize, more of a acidosis condition underlying. Bacterial cause? |
| Riversdale, Riversdal Dierekliniek |
| Dairy: 2 |
| Swellendam, Swellendam Dierehospitaal |
| Dairy: 3 |

| Epididymitis | | | | | | | | | ^ |
|---|------------|---------|---------|------------|------------|---------------|--------------|--------------|---|
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | |
| Average | 2.0 (1) | 2.0 (1) | | 2.0 (1) | 2.3 (3) | | | 2.0 (1) | |
| Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported | | | | | | | | | |
| Beef | 2.0 (1) | | | | 2.0 (1) | | | | |
| Sheep | | 2.0 (1) | | | 2.5 (2) | | | 2.0 (1) | |
| Goat | | | | 2.0 (1) | | | | | |

Mpumalanga**Ermelo, Môregloed Veterinêre Spreekkamer**

Beef: 2

Gauteng**Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 2

North West**Brits, Brits Dierekliniek**

Goat: 2

Free State**Kroonstad, Kroonstad Dierehospitaal**

Sheep: 2

Memel, Memel Veterinary Clinic

Sheep: 3

Winburg, Winburg Dierekliniek

Beef: 2

Western Cape**Beaufort West, Beaufort Dierekliniek**

Sheep: 2

Eye Cancer

| 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 (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) | 2.0 (1) | |
| Dairy | | 1.0 (1) | | | | | | 2.0 (1) | |
| Sheep | | | | | 2.0 (1) | | | | |

Gauteng**Bronkhorstspuit, Kerkstraat Dierekliniek**

Dairy: 1

Free State**Hertzogville, Hertzogville Dierekliniek**

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Eastern Cape**Alexandria, Alexandria Platteland Spreekkamer**

Beef: 2

Western Cape**Malmesbury, Malmesbury Dierehospitaal**

Beef: 2, Dairy: 2

| Eye infections | | | | | | | | | ^ |
|---|------------|---------|---------|------------|------------|---------------|--------------|--------------|-------------------|
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | | 1.0 (1) | | 2.0 (3) | 2.3 (4) | 1.9 (7) | 2.0 (1) | 1.7 (7) | 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 (3) | 2.5 (2) | 1.8 (5) | | 2.0 (2) | 2.0 (1) |
| Dairy | | | | | | | | 1.7 (3) | |
| Sheep | | | | | 2.0 (2) | 2.0 (1) | 2.0 (1) | 1.5 (2) | |
| Goat | | | | | | 2.0 (1) | | | |
| Gauteng | | | | | | | | | |
| Hammanskraal, Themba Animal Clinic | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| North West | | | | | | | | | |
| Christiana, Christiana Dierehospitaal | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Klerksdorp, Klerksdorp Dierehospitaal | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Lichtenburg, Dr CM Kruger-Rall | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Free State | | | | | | | | | |
| Kroonstad, Kroonstad Dierehospitaal | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Reitz, Riemland Dierehospitaal | | | | | | | | | |
| Sheep: 2 | | | | | | | | | |
| Viljoenskroon, Viljoenskroon Dierekliniek | | | | | | | | | |
| Beef: 2, Sheep: 2 | | | | | | | | | |
| Kwazulu-Natal | | | | | | | | | |
| Bergville, Bergville Veterinary Clinic | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Mooi River, Mooirivier Vet Clinic | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Pietermaritzburg, Veterinary House Hospital | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Underberg, Underberg Veterinary Surgery | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Vryheid, Vryheid Privaat Veeartse | | | | | | | | | |
| Beef: 2, Sheep: 2, Goat: 2 | | | | | | | | | |
| Eastern Cape | | | | | | | | | |
| Graaff-Reinet, Graaff Reinet Veterinary Clinic | | | | | | | | | |
| Sheep: 2 | | | | | | | | | |
| Western Cape | | | | | | | | | |
| Beaufort West, Beaufort Dierekliniek | | | | | | | | | |
| Sheep: 2 | | | | | | | | | |
| Darling, Tygerberg Dierehospitaal Darling | | | | | | | | | |

Dairy: 1

George, George Animal Hospital

Beef: 2

Malmesbury, Malmesbury Dierehospitaal

Beef: 2, Dairy: 2

Oudtshoorn, Ostrimed

Sheep: 1

Swellendam, Swellendam Dierehospitaal

Dairy: 2

Northern Cape

Kimberley, Kimberley Dierekliniek

Beef: 2

Kerato-konjunctivitis

Joint Ill



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

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

| | | | | | | | | | |
|-------|---------|--|--|--|---------|---------|---------|---------|--|
| Beef | 1.0 (1) | | | | 1.0 (1) | 2.0 (1) | | | |
| Dairy | | | | | | | | 1.0 (1) | |
| Sheep | | | | | 2.0 (1) | | | 2.0 (1) | |
| Goat | | | | | | | 1.0 (1) | | |

Mpumalanga

Volkswest, Cape Cross Volkswest Dierehospitaal

Beef: 1

Free State

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

Memel, Memel Veterinary Clinic

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Eastern Cape

Port Alfred, Port Alfred Veterinary Clinic

Goat: 1

Bathurst

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 2

Lambs 3 weeks old. Suspect joint ill.

Caledon, Overberg Veterinary Hospital

Dairy: 1

| Lameness/Foot Problems | | | | | | | | | ^ |
|---|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | 1.3 (3) | 3.0 (1) | | 3.0 (1) | 2.5 (2) | 1.3 (6) | 1.0 (1) | 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 | 1.3 (3) | 3.0 (1) | | 3.0 (1) | 2.5 (2) | 1.3 (4) | | 2.0 (1) | |
| Dairy | | | | | | | | 2.7 (3) | |
| Sheep | | | | | | 1.5 (2) | 1.0 (1) | 2.7 (3) | |
| Mpumalanga | | | | | | | | | |
| Grootvlei, Grootvlei Dierekliniek | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Middelburg , Middelburg Dierehospitaal | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Nelspruit, Nelspruit Animal Hospital | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Gauteng | | | | | | | | | |
| Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| North West | | | | | | | | | |
| Christiana, Christiana Dierehospitaal | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Free State | | | | | | | | | |
| Clocolan, Clocolan Dierekliniek | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Hoopstad, Hoopstad Dierekliniek | | | | | | | | | |
| Beef: 3 | | | | | | | | | |
| Kwazulu-Natal | | | | | | | | | |
| Bergville, Tugela Vet Clinic | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Mooi River, Mooirivier Vet Clinic | | | | | | | | | |
| Beef: 1, Sheep: 1 | | | | | | | | | |
| Pietermaritzburg, Veterinary House Hospital | | | | | | | | | |
| Beef: 2, Sheep: 2 | | | | | | | | | |
| Pongola, Pongola Animal Clinic | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Eastern Cape | | | | | | | | | |
| Cofimvaba, State Vet Cofimvaba | | | | | | | | | |
| Sheep: 1 | | | | | | | | | |
| Western Cape | | | | | | | | | |
| Darling, Tygerberg Dierehospitaal Darling | | | | | | | | | |
| Sheep: 3 | | | | | | | | | |
| Severe foot rot | | | | | | | | | |
| Malmesbury, Invitrotech | | | | | | | | | |
| Dairy: 3 | | | | | | | | | |
| Malmesbury, Malmesbury Dierehospitaal | | | | | | | | | |
| Beef: 2, Dairy: 3, Sheep: 2 | | | | | | | | | |

Swellendam, Swellendam Dierehospitaal

Dairy: 2

Wellington, Wellington Dierehospitaal

Sheep: 3

Foot rot

Lung infection

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | 2.1 (7) | 1.5 (4) | 2.0 (3) | 3.0 (6) | 2.5 (15) | 2.1 (9) | 1.7 (3) | 2.5 (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 | 2.0 (4) | 2.0 (2) | 2.0 (1) | 3.0 (5) | 2.7 (6) | 2.0 (6) | 1.0 (1) | 2.5 (2) | |
| Dairy | | | | | 2.0 (3) | 3.0 (1) | | 3.0 (1) | |
| Sheep | 2.3 (3) | 1.0 (1) | 2.0 (1) | 3.0 (1) | 2.5 (6) | 2.0 (1) | | 2.0 (1) | 2.0 (1) |
| Goat | | 1.0 (1) | 2.0 (1) | | | 2.0 (1) | 2.0 (2) | | |

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 2

Pasteurellosis

Sheep: 2

Pasteurellosis

Bethal, Bethal Dierekliniek

Sheep: 2

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Middelburg, Middelburg Dierehospitaal

Beef: 3, Sheep: 3

Nelspruit, Nelspruit Animal Hospital

Beef: 1

Gauteng**Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 3

Hammanskraal, Themba Animal Clinic

Beef: 1

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Goat: 1

Limpopo**Makhado, Blouberg Dierekliniek**

Beef: 2

Pasteurellosis all species (6)

Sheep: 2, Goat: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 3, Sheep: 3

Stella, Stella Dierekliniek

Beef: 3

Ventersdorp, Ventersdorp Dierekliniek

Beef: 3

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State**Clocolan, Clocolan Dierekliniek**

Beef: 3, Dairy: 3, Sheep: 3

Dewetsdorp, Platkop Dierekliniek

Sheep: 3

Pasteurellosis in sheep - diagnosed on bacteriology

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 3, Sheep: 2

Parys, Parys Dierehospitaal

Dairy: 2

Pneumonia in dairy calves during weaning stress.

Reitz, Riemland Dierehospitaal

Beef: 2, Dairy: 1, Sheep: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

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

Beef: 2

Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2, Goat: 2

Kokstad, E.G.Veterinary Services

Beef: 3

Mooi River, Mooirivier Vet Clinic

Beef: 1

Newcastle, Ncanduvet Newcastle

Beef: 1

Pasteurellosis

Underberg, Underberg Veterinary Surgery

Dairy: 3

Vryheid, Vryheid Privaat Veeartse

Beef: 3

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

Goat: 2

Queenstown, Queenstown Provincial Vet Lab

Beef: 1

Witelsbos, Witelsbos Veterinary Consulting Rooms

Goat: 2

Western Cape**Caledon, Overberg Veterinary Hospital**

Beef: 3

Malmesbury, Malmesbury Dierehospitaal

Beef: 2, Dairy: 3, Sheep: 2

Northern Cape**Upington, Upington Veeartsenykliniek**

Sheep: 2

Mastitis in general

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | 1.0 (1) | 2.0 (1) | | 1.5 (2) | 1.0 (3) | 2.0 (4) | 1.3 (3) | 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 | 1.0 (1) | | | 1.5 (2) | 1.0 (1) | 2.0 (3) | 1.5 (2) | 3.0 (1) | |
| Dairy | | | | | 1.0 (1) | | 1.0 (1) | 2.5 (8) | |
| Sheep | | | | | 1.0 (1) | 2.0 (1) | | | |
| Goat | | 2.0 (1) | | | | | | | |

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 1

Gauteng**Hammanskraal, Themba Animal Clinic**

Goat: 2

North West**Christiana, Christiana Dierehospitaal**

Beef: 1

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Free State**Clocolan, Clocolan Dierekliniek**

Dairy: 1

Hertzogville, Hertzogville Dierekliniek

Beef: 1

Kroonstad, Kroonstad Dierehospitaal

Sheep: 1

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

Beef: 2

Mooi River, Mooirivier Vet Clinic

Beef: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 2, Sheep: 2

Eastern Cape**Alexandria, Alexandria Platteland Spreekkamer**

Beef: 2

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 1

Uitenhage, Uitenhage Dierehospitaal

Beef: 1

Western Cape

Caledon, Caledon Dierekliniek

Dairy: 3

George, Dr Mark Chimes

Dairy: 3

Problems seen in Belfast Mpumalanga area where I did a dairy farm audit early in August.

George, George Animal Hospital

Dairy: 3

Malmesbury, Dr Otto Kriek

Dairy: 2

Slight escalation after each reasonable downpour of rain.

Malmesbury, Invitrotech

Dairy: 3

Severe E. coli 3

Malmesbury, Malmesbury Dierehospitaal

Beef: 3

Riversdale, Riversdal Dierekliniek

Dairy: 2

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Swellendam, Swellendam Dierehospitaal

Dairy: 3

Navel III



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

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

Umbilical hernia

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Mooi River, Mooirivier Vet Clinic

Beef: 2

Eastern Cape

Port Alfred, Port Alfred Veterinary Clinic

Beef: 1

Shaw Park

Queenstown, Queenstown Provincial Vet Lab

Beef: 1

Western Cape

Malmesbury, Malmesbury Dierehospitaal

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)

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

Sheep

2.0 (1)

Western Cape

Caledon, Overberg Veterinary Hospital

Sheep: 2

Trauma

| 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)

Kwazulu-Natal

Mooi River, Mooirivier Vet Clinic

Beef: 1

Pietermaritzburg, Veterinary House Hospital

Beef: 2

Northern Cape

Kimberley, Kimberley Dierekliniek

Beef: 2

Bruised carcasses

Downer

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

Average

1.3 (3)

1.5 (2)

1.7
(7)

2.0 (2)

2.0 (1)

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

1.3 (3)

1.5 (2)

1.8
(4)

2.0 (2)

2.0 (1)

2.0 (1)

| | | | | | | | | | |
|---|-------------------|----------------|----------------|-------------------|-------------------|----------------------|---------------------|---------------------|---|
| Dairy | | | | | 1.5 (2) | | | 2.3 (4) | |
| Sheep | | | | | 2.0 (1) | | | | |
| Mpumalanga | | | | | | | | | |
| Bethal, Bethal Dierekliniek | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Nelspruit, Nelspruit Animal Hospital | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Volksrust, Cape Cross Volksrust Dierehospitaal | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Gauteng | | | | | | | | | |
| Bronkhorstspuit, Kerkstraat Dierekliniek | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Free State | | | | | | | | | |
| Bultfontein, Greylingrust Dieresprekkamer | | | | | | | | | |
| Beef: 1, Sheep: 2 | | | | | | | | | |
| Clocolan, Clocolan Dierekliniek | | | | | | | | | |
| Beef: 2, Dairy: 2 | | | | | | | | | |
| Kroonstad, Kroonstad Dierehospitaal | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Reitz, Riemland Dierehospitaal | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Wesselsbron, Wesselsbron Dierekliniek | | | | | | | | | |
| Dairy: 1 | | | | | | | | | |
| Kwazulu-Natal | | | | | | | | | |
| Bergville, Bergville Veterinary Clinic | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Pietermaritzburg, Veterinary House Hospital | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Eastern Cape | | | | | | | | | |
| Alexandria, Alexandria Platteland Spreekkamer | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Western Cape | | | | | | | | | |
| Caledon, Overberg Veterinary Hospital | | | | | | | | | |
| Beef: 2, Dairy: 2 | | | | | | | | | |
| Malmesbury, Invitrotech | | | | | | | | | |
| Dairy: 3 | | | | | | | | | |
| Riversdale, Riversdal Dierekliniek | | | | | | | | | |
| Dairy: 2 | | | | | | | | | |
| Swellendam, Swellendam Dierehospitaal | | | | | | | | | |
| Dairy: 2 | | | | | | | | | |
| Traumatic Reticulo-pericarditis | | | | | | | | |  |
| 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

| | | |
|--------------|---------|---------|
| Beef | | 2.0 (1) |
| Dairy | 1.0 (1) | |

Eastern Cape

Somerset East, Bosberg Veterinary Clinic

Dairy: 1

Pre-breeding heifer with chronic weight loss and poor doing, euthanized and wire found on post mortem

Western Cape

Worcester, Durban Straat Dierekliniek Worcester

Beef: 2

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

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Rectal prolaps

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

One bull - Orchitis; One patent urachis

North West

Klerksdorp, Buffeldoorn Dierhospitaal

Goat: 1

Plastic bag

Free State

Dewetsdorp, Platkop Dierekliniek

Beef: 1

Lymphoma in heifer, diagnosed on histology

Western Cape

Malmesbury, Invitrotech

Dairy: 2

Fever

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Abomasal ulceration

Northern Cape

Kimberley, Kimberley Dierekliniek

Beef: 2

Icteric carcasses

Metabolic Diseases

Acidosis

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | 1.3 (3) | 1.8 (4) | | 2.0 (2) | 2.4 (17) | 1.8 (4) | | 1.0 (2) | |

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

| | | | | | | | | | |
|-------|---------|---------|--|---------|---------|---------|--|---------|--|
| Beef | | | | | 2.3 (9) | 1.5 (2) | | 1.0 (1) | |
| Sheep | 1.3 (3) | 1.3 (3) | | 2.0 (1) | 2.4 (8) | | | 1.0 (1) | |
| Goat | | 3.0 (1) | | 2.0 (1) | | 2.0 (2) | | | |

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 1

Grootvlei, Grootvlei Dierekliniek

Sheep: 1

Volkswest, Cape Cross Volkswest Dierehospitaal

Sheep: 2

Gauteng

Hammanskraal, Themba Animal Clinic

Sheep: 1, Goat: 3

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 1

North West

Rustenburg, Bergbos Dierekliniek

Sheep: 2

Vryburg, Vryburg Dierehospitaal

Goat: 2

Free State

Bultfontein, Greylingrust Diersprekkamer

Beef: 2, Sheep: 3

On maize fields

Clocolan, Clocolan Dierekliniek

Beef: 3

Frankfort, Frankfort Dierekliniek

Beef: 3, Sheep: 3

Hertzogville, Hertzogville Dierekliniek

Sheep: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 3, Sheep: 3

Memel, Memel Veterinary Clinic

Beef: 2, Sheep: 2

Philippolis, Rowelsfontein veearts Spreekkamer

Sheep: 2

Reitz, Riemland Dierehospitaal

Beef: 2

Vrede, Vrede Dierehospitaal

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1, Sheep: 2

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

Beef: 1, Goat: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 2, Goat: 2

Western Cape**Riversdale, Riversdal Dierekliniek**

Beef: 1, Sheep: 1

Displaced abomasum

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

| | | | | | | | | | |
|-------|--|--|--|--|---------|--|---------|---------|--|
| Dairy | | | | | 1.0 (1) | | 1.0 (1) | 2.5 (2) | |
|-------|--|--|--|--|---------|--|---------|---------|--|

Free State**Wesselsbron, Wesselsbron Dierekliniek**

Dairy: 1

Eastern Cape**Somerset East, Bosberg Veterinary Clinic**

Dairy: 1

Left displaced in 8 year old jersey in early lactation, operated on and good response to treatment

Western Cape**Darling, Tygerberg Dierehospitaal Darling**

Dairy: 3

Malmesbury, Invitrotech

Dairy: 2

Ketosis

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | | 1.5 (2) | | | 1.8 (6) | | 1.0 (2) | 1.5 (2) | 2.5 (2) |

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

| | | | | | | | |
|--------------|--|---------|---------|---------|--|---------|-----------------|
| Dairy | | | 1.0 (1) | | | | |
| Sheep | | 2.0 (1) | | 2.0 (5) | | 1.0 (2) | 1.5 (2) 2.5 (2) |
| Goat | | 1.0 (1) | | | | | |

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Goat: 1

Free State

Bultfontein, Greylingrust Dieresprekkamer

Sheep: 1

Clocolan, Clocolan Dierekliniek

Sheep: 2

Frankfort, Frankfort Dierekliniek

Sheep: 3

Philippolis, Rowelsfontein veearts Spreekkamer

Sheep: 2

Reitz, Riemland Dierehospitaal

Sheep: 2

Wesselsbron, Wesselsbron Dierekliniek

Dairy: 1

Eastern Cape

Aliwal North, Hertzogbrug Dierekliniek

Sheep: 1

Queenstown, Queenstown Provincial Vet Lab

Sheep: 1

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 1

Twin and triplet ewes die

Caledon, Overberg Veterinary Hospital

Sheep: 2

Northern Cape

Colesberg, Karoo Veterinary Hospital

Sheep: 3

Upington, Upington Veeartsenykliniek

Sheep: 2

Milk Fever



| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | | 1.0 (1) | | | 1.6 (7) | 1.0 (1) | 1.0 (1) | 2.2 (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) | 1.3 (3) | 1.0 (1) | 1.0 (1) | |
| Dairy | | 1.0 (1) | | | 2.2 (6) |
| Sheep | | 2.0 (3) | | | |

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 1

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 2

Ficksburg, Oosvrystaat Diere Produkte

Dairy: 1

Kroonstad, Kroonstad Dierehospitaal

Beef: 1, Sheep: 2

Ladybrand, Ladybrand Dierekliniek

Sheep: 2

Memel, Memel Veterinary Clinic

Beef: 1

Philippolis, Rowelsfontein veearts Spreekkamer

Sheep: 2

Kwazulu-Natal

Pietermaritzburg, Veterinary House Hospital

Beef: 1

Eastern Cape

Middelburg (EC), Steynsburg Dierehospitaal

Beef: 1

Western Cape

Caledon, Overberg Veterinary Hospital

Dairy: 2

Darling, Tygerberg Dierehospitaal Darling

Dairy: 3

Hypocalcaemia

George, George Animal Hospital

Dairy: 2

Malmesbury, Invitrotech

Dairy: 2

Riversdale, Riversdal Dierekliniek

Dairy: 2

Swellendam, Swellendam Dierehospitaal

Dairy: 2

Reproductive diseases

Dystocia (Difficult Births)



| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | 1.8 (10) | 1.6 (7) | 1.8 (4) | 2.4 (5) | 2.4 (24) | 2.2 (9) | 1.7 (11) | 1.8 (15) | 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 (6) | 2.0 (3) | 2.0 (3) | 2.8 (4) | 2.5 (13) | 2.3 (6) | 1.8 (5) | 2.2 (5) | 1.0 (1) |
| Dairy | | | | 1.0 (1) | 2.0 (3) | 2.0 (1) | 2.0 (2) | 1.8 (5) | |
| Sheep | 1.5 (4) | 1.5 (2) | 1.0 (1) | | 2.5 (8) | 2.0 (1) | 1.5 (2) | 1.7 (3) | |
| Goat | | 1.0 (2) | | | | 2.0 (1) | 1.5 (2) | 1.0 (2) | |

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2, Sheep: 2

Bethal, Bethal Dierekliniek

Beef: 2, Sheep: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 2, Sheep: 2

Middelburg, Middelburg Dierehospitaal

Beef: 3

Nelspruit, Nelspruit Animal Hospital

Beef: 1

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 2, Sheep: 1

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2, Goat: 1

Hammanskraal, Themba Animal Clinic

Beef: 2, Sheep: 1, Goat: 1

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 2, Sheep: 2

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3

Mokopane, Dr Henk Visser

Beef: 2, Sheep: 1

Tzaneen, ZZ2 Farm Practice

Beef: 1

Pinzgauer Heifer

North West

Brits, Brits Dierekliniek

Dairy: 1

Christiana, Christiana Dierehospitaal

Beef: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Stella, Stella Dierekliniek

Beef: 3

Ventersdorp, Ventersdorp Dierekliniek

Beef: 3

Free State

Bultfontein, Greylingrust Dierespreekkamer

Beef: 2, Sheep: 2

Clocolan, Clocolan Dierekliniek

Beef: 3, Sheep: 3

Dewetsdorp, Platkop Dierekliniek

Beef: 2

Five cases

Ficksburg, Oosvrystaat Diere Produkte

Beef: 3

Cesarean section after farmer tried to pull calf after neck was turned. Cow had purulent peritonitis. Cow euthanized.

Dairy: 2

Uterus torsion, cesaerian section, twins

Frankfort, Frankfort Dierekliniek

Beef: 3, Sheep: 3

Hertzogville, Hertzogville Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 2, Dairy: 2

Memel, Memel Veterinary Clinic

Beef: 2, Sheep: 2

Parys, Parys Dierehospitaal

Dairy: 2

Non-infectious, nutritional, micro-minerals, mycotoxins as probable causes. Imbalances shown in livers as well as high level of toxins in the livers

Reitz, Riemland Dierehospitaal

Beef: 2, Sheep: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3, Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Vrede, Vrede Dierehospitaal

Beef: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2, Goat: 2

Estcourt, Estcourt Vet Clinic

Dairy: 2

Mooi River, Mooirivier Vet Clinic

Beef: 3

Newcastle, Ncanduvet Newcastle

Beef: 3

Pietermaritzburg, Veterinary House Hospital

Beef: 2

Underberg, Underberg Veterinary Surgery

Beef: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2

Aliwal North, Hertzogbrug Dierekliniek

Beef: 2

Cofimvaba, State Vet Cofimvaba

Beef: 1, Sheep: 1

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 2

Middelburg (EC), Steynsburg Dierehospitaal

Beef: 2, Sheep: 2, Goat: 2

Queenstown, Queenstown Veterinary clinic

Beef: 2

Somerset East, Bosberg Veterinary Clinic

Dairy: 2

Uterine torsion case and breech calvings

Uitenhage, Uitenhage Dierehospitaal

Goat: 1

Western Cape**Beaufort West, Beaufort Dierekliniek**

Sheep: 1, Goat: 1

Beaufort West, Beaufort West State Vet

Sheep: 2

Drought areas

Caledon, Overberg Veterinary Hospital

Beef: 2, Dairy: 2, Sheep: 2

Ceres, Ceres Veterinary Hospital

Beef: 2

Darling, Tygerberg Dierehospitaal Darling

Beef: 3

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Malmesbury, Invitrotech

Dairy: 2

Stellenbosch, Stellenbosch Animal Hospital

Beef: 2, Dairy: 1

Swellendam, Swellendam Dierehospitaal

Dairy: 2, Goat: 1

Worcester, Durban Straat Dierekliniek Worcester

Beef: 2

Northern Cape**Kathu, Kathu Dierekliniek**

Beef: 1

Endometritis

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

| | | | | | | | | | |
|----------------|--|---------|--|--|---------|--|---------|---------|--|
| Average | | 1.0 (1) | | | 1.7 (3) | | 3.0 (1) | 2.7 (3) | |
|----------------|--|---------|--|--|---------|--|---------|---------|--|

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

| | | | | | | | | | |
|--------------|--|---------|--|--|---------|--|---------|---------|--|
| Beef | | | | | 1.0 (1) | | | | |
| Dairy | | | | | 2.0 (2) | | 3.0 (1) | 2.7 (3) | |
| Goat | | 1.0 (1) | | | | | | | |

Gauteng**Hammanskraal, Themba Animal Clinic**

Goat: 1

Free State**Clocolan, Clocolan Dierekliniek**

Dairy: 2

Hertzogville, Hertzogville Dierekliniek

Beef: 1

Kroonstad, Kroonstad Dierehospitaal

Dairy: 2

Eastern Cape**Somerset East, Bosberg Veterinary Clinic**

Dairy: 3

Western Cape**Caledon, Caledon Dierekliniek**

Dairy: 3

Caledon, Overberg Veterinary Hospital

Dairy: 2

Swellendam, Swellendam Dierehospitaal

Dairy: 3

Metritis

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | 1.0 (1) | | | 3.0 (1) | 2.5 (2) | 2.5 (2) | 1.3 (3) | 2.0 (5) | |

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

| | | | | | | | | | |
|-------|---------|--|--|---------|---------|---------|---------|---------|--|
| Beef | 1.0 (1) | | | 3.0 (1) | | 2.5 (2) | | 2.0 (1) | |
| Dairy | | | | | 2.5 (2) | | 1.5 (2) | 2.0 (4) | |
| Goat | | | | | | | 1.0 (1) | | |

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 1

North West**Christiana, Christiana Dierehospitaal**

Beef: 3

Free State**Clocolan, Clocolan Dierekliniek**

Dairy: 3

Kroonstad, Kroonstad Dierehospitaal

Dairy: 2

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

Beef: 3

Pietermaritzburg, Veterinary House Hospital

Beef: 2

Eastern Cape**Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 1

Port Alfred, Port Alfred Veterinary Clinic

Goat: 1

Bathurst

Somerset East, Bosberg Veterinary Clinic

Dairy: 2

Western Cape

Caledon, Caledon Dierekliniek

Dairy: 3

Darling, Tygerberg Dierehospitaal Darling

Beef: 2

Malmesbury, Dr Otto Kriek

Dairy: 1

Malmesbury, Invitrotech

Dairy: 2

Swellendam, Swellendam Dierehospitaal

Dairy: 2

Poor conception



| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | 1.5 (2) | | | 2.0 (1) | 1.0 (1) | 3.0 (1) | | 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) | | | 2.0 (1) | 1.0 (1) | 3.0 (1) | | | 2.0 (1) |
| Dairy | | | | | | | | 2.0 (4) | |

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Middelburg , Middelburg Dierehospitaal

Beef: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 2

Free State

Kroonstad, Kroonstad Dierehospitaal

Beef: 1

Kwazulu-Natal

Mooi River, Mooirivier Vet Clinic

Beef: 3

Western Cape

Caledon, Overberg Veterinary Hospital

Dairy: 2

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Malmesbury, Dr Otto Kriek

Dairy: 1

Swellendam, Swellendam Dierehospitaal

Dairy: 3

Northern Cape

Postmasburg, Postmasburg Dierekliniek

Beef: 2

| Retained afterbirth | | | | | | | | | ^ |
|---------------------|------------|---------|---------|------------|------------|---------------|--------------|--------------|-------------------|
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | 1.3 (4) | 1.0 (2) | | 1.3 (3) | 1.8 (5) | 2.0 (3) | 2.0 (1) | 1.5 (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 | 1.3 (3) | 1.0 (1) | | 1.3 (3) | 1.8 (5) | 2.0 (3) | | 1.5 (2) | |
| Dairy | | | | | | | | 1.5 (2) | 2.0 (1) |
| Sheep | | 1.0 (1) | | | | | 2.0 (1) | | |
| Goat | 1.0 (1) | | | | | | | | |

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Goat: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 1

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 2

Klerksdorp, Klerksdorp Dierhospitaal

Beef: 1

Stella, Stella Dierekliniek

Beef: 1

Free State

Bultfontein, Greylingrust Dierespreekkamer

Beef: 2

Clocolan, Clocolan Dierekliniek

Beef: 2

Ficksburg, Oosvrystaat Diere Produkte

Beef: 2

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Mooi River, Mooirivier Vet Clinic

Beef: 2

Pietermaritzburg, Veterinary House Hospital

Beef: 2

Eastern Cape

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 2

Western Cape

Darling, Tygerberg Dierehospitaal Darling

Beef: 2

Malmesbury, Dr Otto Kriek

Dairy: 1

Swellendam, Swellendam Dierehospitaal

Dairy: 2

Worcester, Durban Straat Dierekliniek Worcester

Beef: 1

Northern Cape

Kuruman, Kuruman Dierekliniek

Dairy: 2

Sheath Prolaps



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

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

Lamina interna prolaps

North West

Vryburg, Vryburg Dierehospitaal

Beef: 1

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 2

Ladybrand, Ladybrand Dierekliniek

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 1

Eastern Cape

Aliwal North, Hertzogbrug Dierekliniek

Beef: 1

Northern Cape

Kuruman, Kuruman Dierekliniek

Dairy: 1

Uterus prolaps



| 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 (2) | 2.0 (1) | 2.0 (13) | 1.8 (4) | 2.0 (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 | 1.0 (2) | 1.0 (1) | 1.0 (1) | | 2.0 (8) | 1.8 (4) | 2.0 (1) | 1.0 (1) | |
| Dairy | | | | 2.0 (1) | | | | 2.0 (1) | 1.0 (1) |
| Sheep | | | 1.0 (1) | | 2.0 (5) | | 2.0 (1) | | |

Mpumalanga

Bethal, Bethal Dierekliniek

Beef: 1

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 1

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 1

Limpopo

Mokopane, Dr Henk Visser

Beef: 1, Sheep: 1

North West

Brits, Brits Dierekliniek

Dairy: 2

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2, Sheep: 2

Ficksburg, Oosvrystaat Dier Produkte

Beef: 2

Frankfort, Frankfort Dierekliniek

Beef: 3, Sheep: 3

Hertzogville, Hertzogville Dierekliniek

Beef: 2

Kroonstad, Kroonstad Dierehospitaal

Beef: 1, Sheep: 1

Memel, Memel Veterinary Clinic

Beef: 2

Reitz, Riemland Dierehospitaal

Beef: 2, Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 1

Pietermaritzburg, Veterinary House Hospital

Beef: 2

Vryheid, Vryheid Privaat Veeartse

Beef: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 2

Western Cape

Caledon, Overberg Veterinary Hospital

Dairy: 2

Ceres, Ceres Veterinary Hospital

Beef: 1

Northern Cape

Kuruman, Kuruman Dierekliniek

Dairy: 1

Vaginal (Cervical) prolaps

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | 1.0 (3) | 1.5 (2) | | 2.0 (2) | 2.0 (13) | 2.5 (2) | 2.0 (4) | 1.0 (2) | |

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

| | | | | | | | | | |
|-------|---------|---------|--|---------|---------|---------|---------|---------|--|
| Beef | 1.0 (2) | 2.0 (1) | | 2.0 (1) | 2.1 (7) | 2.5 (2) | 2.0 (2) | 1.0 (1) | |
| Dairy | | | | 2.0 (1) | | | | | |
| Sheep | 1.0 (1) | 1.0 (1) | | | 1.8 (6) | | 2.0 (2) | 1.0 (1) | |

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 1

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 2, Sheep: 1

North West

Brits, Brits 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

Hertzogville, Hertzogville Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Sheep: 1

Ladybrand, Ladybrand Dierekliniek

Sheep: 2

Memel, Memel Veterinary Clinic

Beef: 2, Sheep: 2

Reitz, Riemland Dierehospitaal

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Pietermaritzburg, Veterinary House Hospital

Beef: 2

Eastern Cape

Aliwal North, Hertzogbrug Dierekliniek

Beef: 2

Cofimvaba, State Vet Cofimvaba

Beef: 2, Sheep: 2

Witelsbos, Witelsbos Veterinary Consulting Rooms

Sheep: 2

Western Cape

Caledon, Overberg Veterinary Hospital

Beef: 1, Sheep: 1

Climatical Cause

Cold exposure

| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
|----------|------------|---------|---------|------------|------------|---------------|--------------|--------------|---------------|
| Average | | | | | 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 | | | | | | | 2.0 (1) | | |
| Sheep | | | | | 3.0 (1) | | | 1.5 (2) | |

Free State

Clocolan, Clocolan Dierekliniek

Sheep: 3

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 1

Riversdale, Riversdal Dierekliniek

Sheep: 2

Drought

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

Average

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 (1)

Sheep

2.0 (1)

Goat

2.0 (1)

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

Beef: 2, Sheep: 2, Goat: 2

Frozen to death

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

Average3.0
(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

Sheep3.0
(1)**Goat**

2.0 (1)

Free State**Clocolan, Clocolan Dierekliniek**

Sheep: 3

Northern Cape**Postmasburg, Postmasburg Dierekliniek**

Goat: 2

Non specific diseases**Cause of death not established**

| 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)

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) | | | |
| Goat | | | | | 1.0 (1) | | | | |

| | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|
| Limpopo | | | | | | | | | |
| Tzaneen, ZZ2 Farm Practice | | | | | | | | | |
| Beef: 1 | | | | | | | | | |
| Found rotten | | | | | | | | | |
| Free State | | | | | | | | | |
| Kroonstad, Kroonstad Dierehospitaal | | | | | | | | | |
| Goat: 1 | | | | | | | | | |
| Kwazulu-Natal | | | | | | | | | |
| Bergville, Bergville Veterinary Clinic | | | | | | | | | |
| Beef: 1 | | | | | | | | | |

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

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

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

| | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|
| Mpumalanga | | | | | | | | | |
| Bethal, Bethal Dierekliniek | | | | | | | | | |
| Sheep: 1 | | | | | | | | | |
| Free State | | | | | | | | | |
| Kroonstad, Kroonstad Dierehospitaal | | | | | | | | | |
| Beef: 2 | | | | | | | | | |
| Philippolis, Rowelsfontein veearts Spreekkamer | | | | | | | | | |
| Sheep: 2 | | | | | | | | | |
| Villiers, Wilgepoort Dierekliniek Vennootskap | | | | | | | | | |
| Sheep: 3 | | | | | | | | | |
| Eastern Cape | | | | | | | | | |
| Graaff-Reinet, Graaff Reinet Veterinary Clinic | | | | | | | | | |
| Sheep: 2 | | | | | | | | | |
| Dog attacks | | | | | | | | | |

| Sabotage - Theft | | | | | | | | | ^ |
|-------------------------|------------|---------|---------|------------|------------|---------------|--------------|--------------|-------------------|
| PROVINCE | Mpumalanga | Gauteng | Limpopo | North West | Free State | Kwazulu-Natal | Eastern Cape | Western Cape | Northern Cape |
| Average | | | 1.0 (1) | | 2.7 (7) | 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) | 2.7 (3) | 2.0 (1) |
| Dairy | | | 3.0 (1) | |
| Sheep | | | 2.7 (3) | |

Limpopo

Tzaneen, ZZ2 Farm Practice

Beef: 1

Snare

Free State

Clocolan, Clocolan Dierekliniek

Beef: 3, Dairy: 3, Sheep: 3

Reitz, Riemland Dierehospitaal

Beef: 2, Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 3, Sheep: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Trauma

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

Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 2, Goat: 2

North West

Christiana, Christiana Dierehospitaal

Dairy: 1

Western Cape

Beaufort West, Beaufort Dierekliniek

Sheep: 1

Veld fires

| 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) |
| Free State | |
| Reitz, Riemland Dierhospitaal | |
| Beef: 2 | |