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

April 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 (126) submitted reports during April 2018:

Mpumalanga (14)

Balfour - Dr. Louis van Jaarsveld

Bethal - Dr. Hardus Pieters

Delmas - Drs. Du Plessis, Ferreira and Jooste

Ermelo – Drs. Potgieter and Steinberg

Ermelo - Mpumalanga State Vet office

Grootvlei - Dr. Neels van Wyk

Karino – Dr. Silke Pfitzer

Lydenburg – Drs. Trümpelmann and Steyn

Malalane - Drs. Van Sittert and Van Sittert

Middelburg -Drs. Malan, Erasmus and Bernitz

Nelspruit – Dr. André Beytel

Piet Retief - Drs. Niebuhr and Weber

Standerton - Dr. Kobie Kroon

Volksrust – Dr. Johan Blaauw

Gauteng (9)

Bapsfontein - Drs. Olivier, Engelbrecht and Greyling

Bronkhorstspruit – Drs. De Bruin, De Bruin, Rudolph and Slabber

Hammanskraal - Dr. Hentie Engelbrecht

Magaliesburg – Dr. Ryan Jeffery

Muldersdrift – Dr. Clare Speedy

Nigel - Dr. Cindy van der Westhuizen

Onderstepoort Veterinary Academic Hospital – Proff. Annandale, Shakespear, Holm, Pettey and Drs,

Fitte, Grobler, Hamman, Koeppel, Leask, Mabu, Marufu, Mokoele, O'Dell, Tshuma and Van der Leek

Pretoria – Dr. Hanneke Pienaar

Vanderbijlpark – Dr. Kobus Kok

Limpopo (6)

Bela-Bela - Dr. Nele Sabbe

Bela-Bela - Drs. Du Toit, Hansen, Bester and Herbst

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

Mokopane (Potgietersrust)- Dr. Henk Visser

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

Vaalwater – Dr. Hampie van Staden

Vaalwater – Dr. Annemieke Müller

North West (11)

Brits - Dr. Boshoff and Coertze

Christiana - Dr. Pieter Nel

Klerksdorp – Drs. Coetzee and Venter

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

Leeudoringstad - Dr. Ian Jonker

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

Scheizer-Reneke – Dr. Cizelle Naude

Stella - Dr. Magdaleen Vosser

Ventersdorp/ Koster – Drs. Benadé and Van der Merwe

Vryburg - Dr. Jurie Kritzinger

Vryburg – Drs. De Jager and Rautenbach

Free State (27)

Bethlehem - Dr. J. C. du Plessis

Bloemfontein – Dr. Stephan Wessels

Bultfontein - Dr. Santjie Pieterse

Clocolan – Drs. Wasserman and Basson

Dewetsdorp - Dr. Marike Badenhorst

Ficksburg – Drs. Kotzé and Coetzer

Frankfort - Drs. Lessing, Cilliers and Janse van Rensburg

Gariepdam – Dr. Marni Malan

Harrismith – Drs. Pretorius and Bester

Hertzogville – Dr. Nico Hendrikz

Hoopstad – Dr. Kobus Pretorius

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

Ladybrand/Excelsior - Dr. De Vos and Nel

Memel - Drs. Nixon and Nixon

Parys – Drs. Wessels and Wessels

Philippolis – Dr. Stephan van Niekerk

Reitz - Dr. Murray Smith

Senekal - Dr. Jan Blignaut

Smithfield – Dr. Nienke van Hasselt

Trompsburg/Springfontein – Dr. Wyn Irwin

Viljoenskroon - Dr. Johan Kahts

Villiers - Drs. Hattingh and Hauptfleish

Vrede - Drs. Myburgh, Bester-Cloete and Bester

Vrede – Dr. Rudolph Fourie

Wesselsbron - Dr. Johan Jacobs

Winburg - Drs. Albertyn and Albertyn

Zastron - Drs. Troskie and Strauss

KwaZulu-Natal (12)

Bergville - Dr. Ariena Shepherd

Bergville – Dr. Jubie Muller

Camperdown – Dr. Anthony van Tonder

Dundee - Drs. Marais, Fynn and Reynolds

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

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

Mtubatuba – Dr. Trever Viljoen

Newcastle – Dr. Barry Rafferty

Pietermaritzburg – Dr. Phillip Kretzmann

Pongola - Dr. Heinz Kohrs

Underberg - Drs. Collins, King and Delaney

Vryheid - Drs. Theron and Theron

Eastern Cape (15)

Alexandria - Dr. Johan Olivier

Aliwal North – Drs. Troskie and Strauss

Bathurst - Dr. Jane Pistorius

Cradock - Dr. Frans Erasmus

Graaff- Reinet - Dr. Roland Larson

Graaff-Reinet – Drs. Hobson, Strydom and Hennesy

Grahamstown – Drs. Mendes and Dreyer

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

Jeffreys Bay - Drs. Lategan, Hoek and McFarlane

Kareedouw - Dr. Marten Bootsma

Middelburg, Steynsburg, Barkly East – Drs. Van Rooyen and Viljoen

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

Stutterheim - Dr. Dave Waterman

Uitenhage - Drs. Mulder and Krüger

Witelsbos – Dr. Elmien Kotze

Western Cape (19)

Beaufort West - Dr. Jaco Pienaar

Caledon - Drs. Retief, Coetzer and Janssen

Caledon - Drs. Louw and Viljoen

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

Oudtshoorn - Dr. Glen Carlisle

Oudtshoorn - Dr. Adriaan Olivier

Paarl - Dr. Dirk Triegaardt

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

Vredenburg – Dr. Izak Rust

Wellington - Dr. William van Zyl

Northern Cape (7)

Calvinia - Dr. Bertus Nel

Colesberg – Drs. Rous and Rous

De Aar – Dr. Donald Anderson

Kathu – Dr. Jan Vorster

Kimberley – Dr. Joseph van Heerden

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. Alan Fisher – Queenstown Provincial laboratory

Dr. Last, Bosch and Williams - Vetdiagnostix, Pietermaritzburg

Dr. Mark Chimes - Dairy Standards, George

Key Messages

In May there had been an outbreak of Rift Valley Fever in the Jacobsdal area of the Free State. Please study the documents from DAFF and the Small stock advisory body!!



Media release

16 May 2018

Cases of Rift Valley Fever have been confirmed in sheep in Jacobsdal in Free State Province.

Rift Valley Fever has been confirmed at one farm in the Jacobsdal area in the Free State. So far, it is the only farm reported to be affected and further investigations are being carried out by the local veterinary services.

Rift Valley Fever is caused by a virus carried by mosquitoes. It affects cattle, sheep and goats and causes abortions and deaths in especially young animals. Humans can be infected with Rift Valley Fever if they come into contact with the blood and other body fluids of an infected animal or an aborted foetus. Care should be taken when handling possibly infected animals or carcasses of animals that have died of the disease. Symptoms in humans are flu-like and some individuals can develop more serious complications. If a person suspects that they might have been infected with Rift Valley Fever, they must consult a doctor.

The reoccurrence of Rift Valley Fever is due to increased rainfall, which in turn causes an increase in mosquitoes. As this outbreak occurred in the beginning of the winter season, it will probably be an isolated incident as the cold weather will result in a decrease in the number of mosquitoes and therefore decrease the risk the disease spreading. It must be noted that the risk will increase at the start of the summer season. This outbreak provides us with a useful warning that all cattle, sheep and goats have to be vaccinated to ensure that the level of immunity in the herds is high when the next summer season starts and the risk increases.

Farmers are therefore 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 clean 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.



Rift Valley Fever is a notifiable animal disease, but not a controlled animal disease, meaning that there are no prescribed control measures. The State Veterinary Services will give support and information to farmers in affected areas, but it is the responsibility of the animal owners to vaccinate their animals and prevent losses. Suspicion of disease must be immediately reported to the nearest State Veterinarian.

All livestock farmers in South Africa are advised to vaccinate all their cattle, sheep and goats yearly or at least once during weaning.

For more information, please contact your local State Veterinarian.

For media enquiries, contact:

Steve Galane: Departmental Spokesperson

083 635 7346

SteveGAL@daff.gov.za

RIFT VALLEY FEVER -AGAIN

The latest official notification of an outbreak of RVF near Kimberley makes it necessary for farmers to decide what to do. It is risky to leave sheep, goats and cattle unvaccinated since large-scale losses and especially abortions may follow. Nobody can be sure of future weather or predict with

confidence how next summer's rains may cause large scale or severe outbreaks, but if everyone waits until such outbreaks occur before vaccinating, there may be large scale losses since OBP (which makes the vaccine) will be overwhelmed by an avalanche of orders and vaccines will therefore be very scarce. Remember that preparing and testing vaccines is a long and exacting process and cannot be suddenly scaled up to millions of doses.

To lower the risk, all non-pregnant ruminant livestock should be vaccinated in the coming winter. For longer term security, vaccinate all breeding replacement livestock before breeding each year as a minimum measure, since it is likely that in most cases effective immunity will be lifelong.

Farmers are strongly advised to contact their local veterinarian to decide on the risks, the correct vaccines to use and the best vaccination schedule for their farm. Do not use unregistered products that claim to be vaccines, they are illegal.

Prof. Gareth Bath

Small Stock Health Advisory Body

20 May 2018

SLENKDALKOORS - ALWEER!

Met die onlangse amptelike kennisgewing van 'n uitbreek van Slenkdalkoors in die Kimberley omgewing is boere genoodsaak om te besluit wat gedoen moet word. Dit is riskant om skape, bokke en beeste ongeënt te laat aangesien grootskaalse verliese en veral aborsies mag volg. Niemand kan van toekomstige weersomstandighede of die uitwerking van die volgende somerreëns seker wees nie en dus kan niemand uitbreke of verliese voorspel nie. Maar as almal op sulke verdere uitbreke wag voordat hulle ent, mag daar wel erge verliese wees aangesien OBP (wat die entstowwe vervaardig) met 'n oorweldigende aanvraag na entstof gekonfronteer sal wees en waarin hulle dalk nie kan voldoen nie. Onthou dat die maak en toets van entstowwe 'n lang en veeleisende proses is wat nie summier na miljoene dosisse opgeskaal kan word nie.

Om risiko te verlaag, behoort alle nie-dragtige herkouervee in die komende winter geënt te word. Vir langer term sekerheid moet alle vervangingsvee voor teling elke jaar as 'n minimum vereiste geënt word aangesien effektiewe immuniteit in die meeste gevalle waarskynlik lewenslank sal wees.

Boere word sterk aangeraai om hulle plaaslike veearts te kontak om oor die risiko, die korrekte entstowwe om te gebruik en op die beste entingspogram vir hulle plaas te besluit.

Prof. Gareth I	Bath
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Kleinvee Gesondheid Adviesliggaam

20 Mei 2018

For further information on Rift Valley Fever:

www.landbou.com

Click on: Indeks van antwoorde

Click on: Beeste or Skape

Click on: Siektes

Click on: Slenkdalkoors

Bovine brucellosis control should continuously be on the mind of every cattle and game farmer! A check list has been drawn up to help you calculate what the risk is of bringing the brucella bacteria onto your farm.

SOP for 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	
24	property Disinfection of also as whome infection is a	
24	Disinfection of places where infection is a possibility.	
25	' '	
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	
	Serial Col Intesteerly Burne Interface	

Below are short and longer versions on using vaccines to help control brucellosis. Please spread tis 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.

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.

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

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 prevelance 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

Aankoop van beeste wat besmetlike misgeboorte het

Antwoorde oor brusellose

Behandeling van besmetlike misgeboorte

Besmetlike misgeboorte uitbreek in 'n kudde

Gevaar van brusellose onderskat

RB51-inenting teen brusellose in dragtige koeie

Alles oor Besmetlike Misgeboorte (BM)

Kompensasie vir BM en TB positiewe beeste?

Nóg vrae oor besmetlike misgeboorte

Koeie positief getoets vir besmetlike misgeboorte

Vrae, antwoorde oor besmetlike misgeboorte

Brucellose: Wat staan ons te doen?

Internal parasite control

www.wormx.info

IMPORTANT MESSAGE

Animal welfare becomes more and more important!

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

Summary of disease report for April 2018

126 Reports from veterinary practices and laboratories were received (Mpumalanga (MP) 14; Gauteng (G) 9; Limpopo (L) 6; Northwest (NW) 11; Free State (FS) 27; KwaZulu-Natal (KZN) 12; Eastern Cape (EC) 15; Western Cape (WC) 19: Northern Cape (NC) 7; Feedlots (FL) 1 and Laboratories (Lab) 5).

For the detailed report and previous reports go to www.ruvasa.co.za and click on Disease reporting

Internal parasites

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

Internal parasites	MP	G	L	NW	FS	KZN	EC	WC	NC
Roundworms	х	х	х	х	х	х	х	х	х

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

Good rainfall occurred in most of the the summer rain fall area and parasite populations are at a high level. Reports of problems were received from all over the country. Use the five point check to keep on top of what is happening in the flock. For further detail contact your local veterinarian.

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

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

Hopefully cold weather wil decrease infestation rates of wireworm.

Cryptosporidiosis in combination with pathogenic *E. coli* is still causing huge problems for cattle, sheep and goat farmers. Young animals are extremely vulnerable.

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	х	х	х	х	х	х	х	х	
Resistant blue ticks	х	х			х	х		х	
Heartwater ticks	х	х	х	х	х	х	х		
Brown ear-ticks	х	х	х		х	х			
Bont-legged ticks	х	х	х	х	х	х			х
Red-legged ticks	х	х	х	х	Х	х			
Paralysis ticks					Х		х		
Tampans									
Biting lice				х			х		
Sucking lice							х		
Itch mites									
Sheep scab					Х		х		
Mange mites									
Nuisance flies	х			х	Х	х	х	х	
Midges	х			х	х	х			
Mosquitoes				х	х	х			
Blowflies	х	х	х		Х		Х	х	
Screw-worm		х	х		х	х	х		
Gedoelstia (uitpeuloogsiekte)									
Nasal bot	х			х	х				

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

Actives to be tested for resistance are: organophosphates, pyrethroids, amidines. Actives registered only for controlling blue ticks are: macrocyclic lactones and fluazuron (acaracide growth regulator). A new active, fipronil, has recently been launched. Cross resistance with chlorinated hydrocarbons has been published.

Below is a list of diseases transmitted by ticks.

Tick borne diseases

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

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

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

Numerous mortalities were reported!

The new heartwater vaccine is still a year or two away as registration trials have to be done when the upscaling of vaccine production is accomplished.

Tick numbers wil decrease when colder wheather and frost set in.

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

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

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	х	х	х	х	х	х	х	х	х
Ephemeral fever (Three day stiff sickness)	х	х	х	х	х	х	х	х	х
Blue tongue	х	х		х	х	х	х	х	х
Rift Valley Fever									
Wesselsbron									
Nagana						х			

During Aprril disease numerous outbreaks of insect transmittable diseases were reported. Standing water is the ideal breeding environment for mosquitoes, the carriers of Rift Valley Fever! Move animals away from rivers and water source if possible. Spray animals with insect repellants such as deltamethrin. An outbreak of Rift Valley Fever occurred in the Jacobsdal area. See information above.

Are your animals vaccinated against Rift Valley Fever?

Plan now for your vaccination programme during the winter months for outbreaks during the next rainy season.

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	х		х	х	х	х			
Vibriosis	х		х	х	х	х	х	х	
Pizzle disease								х	
Actinobacillus seminis									

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

Bacterial diseases

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

Bacterial diseases	MP	G	L	NW	FS	KZN	EC	wc	NC
Anthrax									
Blackquarter	х		х	х	х	х		х	х
Botulism			х		х			х	х
Pulpy kidney	х	х	х		х	х			
Lamb dysentery					х				
Swelled head	х	х	х		х	х			
Red gut (cattle)		х		х	х	х	х		
Blood gut (sheep)					х	х			
Tetanus			х	х	х		х		х
Salmonellosis									
Bovine brucellosis	х		х	х	х	х			

Ovine brucellosis (Ram's disease)	х			х			х	х
Bovine tuberculosis								
Johne's		х				х	х	
Leptospirosis								
Listeriosis								
Pseudomonas								
Fusibacterium necrophorum				х			х	
Septicaemia								
E. coli	х		х	х	х	х	х	х
Enzootic abortion				х	х	х		х
Lumpy wool		х		х		х		
Uterine gangrene								х
Bovine dermatophilosis (Senkobo disease)			х		х	х		
Wooden tongue								
Lumpy jaw								

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.

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

VENDOR DECLARATION BOVINE BRUCELLOSIS

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

1	The cattle for sale are clearly and permanently identified	Yes	No

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

Vendor's declaration for Ovine Johne's Disease

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.	YES	NO
2.	The sheep for sale are clearly identified in the accompanying description.	YES	NO
3.	The sheep for sale were born on my farm.	YES	NO
4.	The farm has a closed flock policy. (No live sheep are brought onto the farm from elsewhere)	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.	YES	NO
6.	I have actively looked for Ovine Johne's Disease and have had tests done for this.	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.	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.	YES	NO
9.	All lambs born are vaccinated	YES	NO
10	If vaccinated, the number of years that the vaccinations have been done is		years
NC	OTE: Vaccination does not mean freedom from OJD, vaccinated animals can still be carriers		
Sta	atement 8 and 9 apply only to already infected flocks, and such sheep can only be sold to ot	her inf	ected
flo	cks by law.		
Bu	yers should consult their veterinary advisor before any purchases.		
Sig	nature Date		
	Farm:	_	
NA	ME		
_	District:	_	
	VNER OR AUTHORIZED PRESENTATIVE		

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













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)	х	х	х	х	х	х			
Rabies (cattle)				х					
BVD					х			х	
IBR		х				х			
BRSV								х	
PI3									
Maedi visna virus									
Rotavirus / Coronavirus					х	х			
Enzootic bovine leucosis (EBL)						х	х	х	
Sheep leucosis									
Jaagsiekte									
Orf	x	х	х	х	х	х	х		х
Warts	х			х	х	х	х	х	

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

The snotsiekte vaccine is still in the experimental stage and will hopefully be registered in two years time. 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	х	X	х	х	х	х	х	

Protozoal diseases

Protozoal diseases	MP	G	L	NW	FS	KZN	EC	wc	NC
Besnoitiosis (olifantsvelsiekte)									

Toxicities

The following toxicities were reported by practices in the provinces:

Toxicities	MP	G	L	NW	FS	KZN	EC	wc	NC
Cardiac glycoside									
Slangkop									
Crotularia									
Gifblaar									
Gousiekte	х					х			
Cestrum (ink berry)		х			х		х		
Tulip	х							х	
Cynanchum (bobbejaantou)								х	
Facial eczema					х				
Lantana	х					х			
Prussic acid					х			х	
Senecio					х				
Cotula nigellifolia (stagger wood)									
Geeldikkop (duwweltjies) and dikoor					Х				
Vermeersiekte		х			Х				
Hertia pallens (Nenta, krimpsiekte)								х	

				х	
х			х	х	
			Х		
	X	X	X		x

Radish Carrot poisoning Onion poisoning Bracken fern Pollen beetle (Astylus atromaculatus) Water contamination Nitrate Urea Snake bite X Moth cocoons (impaction) Blue green algae Copper Selenium Zinc Fluoride Lead X X X X X X X X X X X X X X X X X X X	Crotolaria						
Onion poisoning Bracken fern Pollen beetle (Astylus atromaculatus) Water contamination Nitrate Urea Snake bite Moth cocoons (impaction) Blue green algae Copper Selenium Zinc Fluoride Lead Paraquat Phosamine Aldicarb Organophosphate Zinc physphide Pyrethroid	Radish						
Bracken fern	Carrot poisoning						
Pollen beetle (Astylus atromaculatus) X	Onion poisoning						
Water contamination X	Bracken fern						
Nitrate X X X Urea X X X Snake bite X X X Moth cocoons (impaction) X X Blue green algae X X X Copper X X X Selenium X X X Zinc X X X Fluoride X X X Lead X X X Paraquat X X X Phosamine X X X Aldicarb X X X Organophosphate X X X Pyrethroid X X X	Pollen beetle (Astylus atromaculatus)						
Urea	Water contamination				х		
Snake bite	Nitrate			х			
Moth cocoons (impaction) Blue green algae Copper Selenium Zinc Fluoride Lead X X Paraquat Phosamine Aldicarb Organophosphate Zinc phosphide Pyrethroid	Urea			Х			
Blue green algae Copper Selenium Zinc Fluoride Lead Paraquat Phosamine Aldicarb Organophosphate Zinc phosphide Pyrethroid	Snake bite			х			х
Copper X Selenium Zinc Fluoride Lead X X X Paraquat Phosamine Aldicarb Organophosphate Zinc phosphide Pyrethroid	Moth cocoons (impaction)						
Selenium Zinc Fluoride Lead	Blue green algae						
Zinc Fluoride Lead X X Paraquat Phosamine Aldicarb Organophosphate Zinc phosphide Pyrethroid	Copper						х
Fluoride Lead	Selenium						
Lead X X X S S S S S S S S S S S S S S S S	Zinc						
Paraquat Phosamine Aldicarb Organophosphate Zinc phosphide Pyrethroid	Fluoride						
Phosamine Aldicarb Organophosphate Zinc phosphide Pyrethroid	Lead	х	х				
Aldicarb x Organophosphate Zinc phosphide Pyrethroid	Paraquat						
Organophosphate Zinc phosphide Pyrethroid	Phosamine						
Zinc phosphide Pyrethroid	Aldicarb		х				
Pyrethroid	Organophosphate						
	Zinc phosphide						
Amitraz	Pyrethroid						
	Amitraz						

Levamisole					
Ivermectin					
Tilmicosin					
Bromoxynil nitrate					
Ionophor					
Monensin		х			
Нуро					
Diazinon					
Chicken litter				х	

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

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 tulp 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!

The following deaths due to toxic plants and substances were reported: ink berries, duwweltjies, gifblaar, Lantana, vermeersiekte, diazinone and lead (batteries).

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		х			х	х		х	
Protein		х			х	х	х	х	

Phosphate		х				х	х
Calcium	х		х	х	х	х	

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
lodine						х			
Copper							х		
Zinc					Х				
Selenium				х	х		х		
Magnesium									
Manganese									
Vitamin A				х				х	
Vitamin B 1								х	

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

Beware of fluoride poisoning as borehole water levels drop.

Supplement animals with vitamin A during drought conditions.

Multifactorial diseases and other conditions

The following conditions were reported by practices in the provinces

Multifactorial diseases and other conditions	MP	G	L	NW	FS	KZN	EC	wc	NC
Abortions	х	х	х	х	х	х	х	х	х
Stillbirths					x	х	x	х	

Abscesses	х	х	х	х	х	х	х	х	х
Intestinal ulcers									
Bladder stones –urolithiasis					х		х		
Blindness	х	х			х			х	
Bloat	х	х			х	х		х	
Blue udder	х	х			х			х	
Diarrhoea	х	х	х	х	х	х	х	х	
Epididymitis	х							х	
Eye cancer		х			х	х	х	х	х
Eye infections	х	х	х	х	х	х	х	х	х
Joint ill	х	х		х	х	х	х		
Lameness/foot problems	х	х		х	х	х	х	х	х
Lung infection	х	х	х	х	х	х	х	х	х
Mastitis	х	х		х	х	х	х	х	
Navel ill					х		х	х	
Red gut (sheep, torsion of gut)	х				х		х		
Rectal prolaps		х							
Trauma		х			Х				х
Teeth wear									
Plastic bags (ingestion)									
Downer			х		Х	х		х	
Anaphylactic shock									

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

Metabolic diseases

The following diseases were reported by practices in the provinces:

Metabolic diseases	MP	G	L	NW	FS	KZN	EC	wc	NC
Acidosis		х			х			х	
Displaced abomasum						х		х	
Ketosis (Domsiekte)					х			х	
Milk fever	х				Х	х	х	х	

Make sure that you adapt animals to feed containing concentrates.

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

Reproductive diseases

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

Environmental conditions

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

Other conditions

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

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 biannually 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

Bela-Bela – Dr. Susanna Herbst George – Dr. Mark Chimes Karino – Dr. Silke Pfitzer Plettenberg Bay – Dr. André Reitz Vanderbijlpark – Dr. Kobus Kok

Equines

Gauteng

Magaliesburg

Encephalosis – 1

African Horse sickness - 1

Limpopo

Mokopane (Potgietersrus)

Screw-worm - 1

Free State

Gariep Dam

Theileriosis – miniature horse (Bethulie area)

KwaZulu-Natal

Pongola

Nagana – 2

Eastern Cape

Ngobo

Dourine - 1

Eastern Cape

Port Alfred

Cellulitis and joint abscesses – 2 cases in foals (Bathurst)

Rhinitis – 2 cases (Kleinemonde)

Bronchitis – 2 cases (Kidd's Beach)

Phlegmosis of leg – Donkey (Bathurst)

Game

Mpumalanga

Lydenburg

Bont tick – 2

Wireworm – 2

Theileriosis - 1

Gauteng

Pretoria

Intestinal roundworms - 2

Bont tick – 2

Brown ear-tick - 2

Bont-legged tick – 2

Louce fly - Lipoptena paradoxa

Abscesses – 2

Visceral pluck clostridial myositis - 1

Lameness- 1

Limpopo

Bela-Bela

Navell-ill – Buffalo calf died

Diarrhoea – Sable calves – sudden outbreak, sulpha treatment, recovered

Anaemia – Sable 2 – treated for wireworm and theileriosis, blood transfusion and treated for theileriosis and wireworm

Weakness – Buffalo calf, treated for internal parasites

Makhado

Clostridium perfringens Type A – Sable 1

Mokopane (Potgietersrus)

Bont-legged ticks - 1

Screw-worm – 1

Joint-ill -1

Eves - 1

Polokwane

Intestinal roundworms – 3

Resistant roundworms – 3

Brown ear-tick - 3

Bont-legged tick -3

Copper deficiency – 1

Diarrhoea - 1

Eve infection – 1

Vaalwater

Theileriosis – Roan

Tick burdens – 4 out of 5 (very high)

North West

Klerksdorp

Intestinal roundworms - 2

Blue ticks - 3

Red-legged ticks – 2

Bont–legged ticks – 2

Nerve paralysis - Sable - trauma

Vryburg

Brown ear-tick - Buffalo 1

Lightning – Giraffe 1

Free State

Gariep Dam

Necrotic metritis – Buffalo cow died after treatment (Colesberg area) Pneumonia – Roan heifer (Trompsburg area)

KwaZulu-Natal

Underberg

Capture myopathy - Eland 1

Eastern Cape

Port Alfred

Tick worry and screw-worm – Buffalo (Shaw Park) Theileriosis and screw-worm – Sable (Port Alfred)

Uitenhage

Intestinal roundworms - 2

Northern Cape

Kimberley

Wireworm – Roan 2 Wireworm – Sable 2

Swine

Gauteng

Muldersdrift

Eryspipelas (Diamond skin disease)

Onderstepoort

Lameness - 1

Laceration - 1

Dogs and Cats

Free State

Bethlehem

Rabies – Domestic dog

Vrede

Rabies - Cat

KwaZulu-Natal

Uitenhage

Rabies - Canine

Monthly report on Livestock and Wildlife isolations for April 2018 from Vetdiagnostix – Microbiology Laboratory, supplied by dr. Marijke Henton

(henton@vetdx.co.za)

April was a very quiet month, due in part to the many public holidays, but also because few pathogens were isolated from the samples that were received.

Gangrenous myositis was the most common condition, caused by *Clostridium chauvoei* [3] and *C. novyi* [4]. Only a few respiratory tract samples were received, and *Pasteurella multocida* [2] and *Trueperella pyogenes* [1] were isolated from them. *Trueperella pyogenes* was also isolated from a case of intractable mastitis, and together with *Streptococcus dysgalactiae* and *Moraxella bovis*, from a severe outbreak of conjunctivitis. Skin granulomas were associated with *Corynebacterium pseudotuberculosis*. *Salmonella* Dublin caused septicaemia in a calf, and calf enteritis was due to a combination of *E. coli* and *Cryptosporidium* in 6 cases.

Enteritis in lambs and a kid was also associated with *Cryptosporidium* [2] and *E. coli* [4]. Abscesses in sheep were caused by *Trueperella pyogenes* [1] and *Corynebacterium pseudotuberculosis* [1].

A pig with pneumonia yielded Streptococcus dysgalactiae.

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

Condition	Comments and Specie
Intestinal roundworms	03
Tapeworms	0 1
Cysticercosis (measles)	В 3
Blue ticks	В 3
Heartwater tick	В 3
Brown ear-tick	B 1
Bont-legged tick	В 3
Red-legged tick	B,O 3
Nuisance flies	B,O 3
Midges	B,O 3
African red water	B 2

Asiatic red water	В 3
Anaplasmosis	В 3
Heartwater	B,O,C 1
Lumpy skin disease	B 2
Blue tongue	B 1?,O 1
Trichomonosis	B2 (4 out of 6 bulls tested positive)
Cryptosporidiosis	03
Red gut	В 3
Blood gut	03
Pulpy kidney	0 3
FSE	01
E . coli	B,O 3
Ringworm	B 3
Protein deficiency	B 2
Energy deficiency	B 3
Phosphate deficiency	B 3
Zinc deficiency	B 3
Vitamin A deficiency	B 1
Abortion	B 2
Dystocia	B 2
Lameness	B,O 3
Lungs	B,O 3
Diarrhoea	В 3
Abscesses	B 1

Trauma	В,О 3
Pericarditis	В 3

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

Specialist Veterinary Pathologist, Vetdiagnostix - Veterinary Pathology Services

Contributors

Mr Butch Bosch, Ms Ntando Magoso, Mrs Beverley Williams, Ms Nicole Genga, Dr Rick Last

LIVESTOCK DISEASE SURVEILANCE			
		NO.	
LIVESTOCK SPECIES	DISEASE AGENT	CASES	LOCATION
Bovine, Dairy calf 1	Bovine adenovirus respiratory/enteritis		
week	syndrome	1	Parys, Free State
Goat kids, 10 days	Cryptosporidium	1	Parys, Free State
Bovine, Beef Cow	Bovine viral diarrhea / mucosal disease	1	Mtubatuba, KZN
Porcine Weaners	Porcine streptococcosis	1	Howick, KZN
Bovine, Calf	Salmonella dublin	1	Howick, KZN
			Nottingham Road,
Ovine, Lambs	Cryptosporidiosis	1	KZN
Bovine, Dairy Calf 3			
week	Pasteurella multocida	1	Kokstad, E.Cape
Bovine, Dairy Calf 3			
week	"Helicobacter bovis"	1	Howick, KZN

WILDLIFE DISEASE SURVEILANCE			
WILDLIFE SPECIES	DISEASE AGENT	NO. CASES	LOCATION
Bushbuck, Adult			
Bull	Lymphnode silicosis	1	Swartruggens, Limpopo
Buffalo, Sub-adult	T-cell lymphoma (mesenteric		
Bull	lymphnode)	1	Ermelo, Mpumalanga
Black Impala,	Coccidiosis and clostridial		
Juvenile	enterotoxaemia	1	Phalaborwa, Mpumulanga

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

Condition	Comments and Specie
Intestinal roundworms	0 2
Lumpy skin disease	B 1
Snotsiekte	B 2
Enzootic abortion	01
Equine sarcoid	E 2
Jaagsiekte	0 1
Tulip poisoning	B 1
Seneciosis	B 1
Blue green algae (liver toxicity)	B 1
Abortion	B,O 2
Diarrhoea	B,O 1
Rhabdomyolysis (muscle)	B 1

Monthly report for April 2018 from Queenstown Provincial Veterinary Laboratory as supplied by Dr. A.D. Fisher (alan.fisher@drdar.gov.za)

Condition	Area	Comments and Specie
Intestinal roundworms		03
Resistant roundworms		01
Asiatic red water	Queenstown	B 1
Lumpy skin disease	Cofimvaba	B 3
	Queenstown	B 3
	Tarkastad	B 3
Three day stiff sickness	Queenstown	B 3

	Cofimvaba	B 3
Enterotoxaemia	Queenstown	0 1
Coccidiosis		0 1
Rabies	Mthatha	Canine 1
	Port St. Johns	Canine 1
	Dutywa	Caprine 2
Dourine	Nqcobo	Equine 1
Nitrate	Stutterheim	B 1
CCN (magnesium and Vitamin B 1 deficiency)	Sterkstroom	0 1
Abortion		B,O 2

Notes:

Rabies: Onging outbreak in Eastern Cape (Mthatha, PSJ, Dutywa)

Lumpy skin disease: Large outbreak in Cofimvaba, Queenstown, Lady Frere

Rabies – Canine, goats – Onging outbreak in Eastern Cape (Mthatha, PSJ, Dutywa))

Three day stiff sickness - A number of cases reported from Queenstown and Cofimvaba

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

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



Section of Pathology Department of Paraclinical Sciences Faculty of Veterinary Science

26th April 2018

DAFF

Import/Export Policy Unit Subdirectorate

Monthly report: Faculty of Veterinary Science cases (Master import permit 13/1/1/30/4) Cases sent to referring veterinarians between 6 October 2017 and 26th April 2018

Cases from State vet Skukuza or Orpen Cases imported with master permit (none)

PMDate	Species	Final Diagnosis	Histo No
09-Oct-17	Spotted hysens	None possible (autolysis)	53563.17
09-Oct-17	African Elephant	None possible (no lesions)	53564.17
10-Oct-17	Lion	Metastatic adrenal phaeochromocytoma	53579.17
10-0ct-17	Lion	Acute gastritis	53578.17
16-Oct-17	Cheetah	Gastritis monitoring	53656.18
01-Nov-17	African Elephant	Lymphohistiocytic encephalitis	53875.17
01-Nov-17	Leopard	Suspected starvation	53876.17
03-Nov-17	Jaguar	Flea-associated anaemia	53898.17
07-Nov-17	Impala	Penetrating abdominal wall trauma	53951.17
13-Nov-17	African Black Footed Cat	Concurrent anaemia, acute pancreatic necrosis	54012.17
17-Nov-17	Cheetah	Chronic renal failure	54053.17
28-Nov-17	Giraffe	none possible (no lesions)	54186.17
28-Nov-17	Cheetah	Gastritis monitoring	54189.17

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> Fakulteit Veeartsenykunde Lefapha la Diseanse tša Bongakadiruiwa

PMDate	Species	Final Diagnosis	Histo No
04-Dec-17	Lion	Metastatic adrenal phaeochromocytoma	54241.17
05-Dec-17	Lion	Post-surgical haemorrhage	54269.17
07-Dec-17	Cheetah	Chronic renal disease	54328-17
08-Dec-17	Cheetah	Possible pituitary tumour	54330-17
10-Dec-17	Spotted hyaena	None possible	54513.17
18-Dec-18	Cheetah	Chronic myocarditis	54339.18
14-Dec-17	Wattled Crane	None possible	54414.17
15-Dec-17	African Rock Python	Hepatic lipidosis	54435.18
20-Dec-17	Lion	Disseminated tuberculosis	54519.17
20-Dec-17	Waterbuck	Suspected bacterial septicaemia	54518.17
20-Dec-17	Laughing Dove	None possible (no lesions)	54516.17
20-Dec-17	African Elephant	Negative for tuberculosis	54515.17
20-Dec-17	African Elephant	Negative for tuberculosis	54514.17
03-Jan-18	Cheetah	Chronic renal disease	514.18
04-Jan-18	Cheetah	Chronic arthritis	535-18
05-Jan-18	Blue Wildebeest	Negative IMP RVF	560.18
07-Jan-18	Cape Vulture	Interseptal heart defect	577.18
09-Jan-18	Blesbok	Suspected Ehrlichiosis and malnutrition	566-18
11-Jan-18	Alpaca	Suspected nutritional myopathy	5125.18
17-Jan-18	Sable	Protein/energy malnutrition	5216-18
19-Jan-18	Blue Wildebeest	Negative IHC for rift valley fever virus	557.18
21-Jan-18	Impala	Hepatic Cooperioides infestation	5357.18
25-Jan-18	Impala	Hepatic cooperioides infestation	5360.18
25-Jan-18	Lion	Aortic body tumour	5351-18
26-Jan-18	Black backed Jackal	Killed by a leopard	500382.18
26-Jan-18	Leopard	Presumed tuberculosis	500361.18
30-Jan-18	Cheetah	Bacterial pleuritis	5391.18
31-Jan-18	White Swan	Suspected avian tuberculosis	5435.18
01-Feb-18	Blue Duiker	Protein energy mainutrition	5434-18
01-Feb-18	Springbok	Heartwater	5432-18
12-Feb-18	African Wild Dog	Dermatitis, cellulitis, possible lymphangiosarcoma	5575.18
12-Feb-18	African Wild Dog	Sweat gland carcinoma	5576.18
13-Feb-18	Cheetah	Chronic renal disease, retinal atrophy	5599-18
14-Feb-18	Cheetah	Lead toxidity	5609.18
07-Mar-18	African Buffalo	Normal lymph node	5883-18
	African Buffalo	Tuberculosis	5882.18
19-Mar-18		Acute cardiorespiratory failure	51016.18
26-Mar-18		Cholangiocardinoma, CRD	51085.18
27-Mar-18	African Elephant	Presumed human tuberculosis	51112.18
03-Apr-18		Urethritis, Theileriosis	51152.18
04-Apr-18		Senile lens luxation, secondary glaucoma	51163.18
05-Apr-18		Acute heart failure	51199.18
05-Apr-18	Lion	Peripheral ondontogenic fibroma	51203.18



Section of Pathology Department of Paracilnical Sciences Faculty of Veterinary Science

PMDate	Species	Final Diagnosis	Histo No
06-Apr-18 Lion	n	Chronic otitis externa	51220-18
10-Apr-18 Lion	n	Epididymis; penile epithelial hyperplasia	51255.18

Kind regards,

Nick Witchell

Prof. Emily Mitchell

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> Fakulteit Veeartsenykunde Lefapha la Diseanse tša Bongakadiruiwa



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26th April 2018

DAFF

Import/Export Policy Unit Subdirectorate

Monthly report: NZG cases Cases sent to referring veterinarians between 8th March and 26th April 2018

Cases from State vet Skukuza or Orpen

Cases imported with master permit (none)

Note: In future, NZG cases are being done by the pathologist at the NZG (Dr Lewis).

PMDate	Species	Final	PM No
11-Sep-17	Roan	None possible (autolysis)	172166
09-Oct-17	Blue and Gold Macaw	None possible (no lesions)	172170
09-Oct-17	Madagascan Ground Boa	Suspected inclusion body disease	172171
20-Oct-17	Sable	Suspected valvular endocarditis	172174
20-Oct-17	African Bullfrog	Haemocoelom (injection trauma)	172175
20-Oct-17	Egyptian Goose	Possible chlamydiosis	172176
03-Nov-17	African Penguin	Suspected malnutrition	177181
03-Nov-17	Cape Terrapin	Oophoritis and possible intestinal obstruction	172184
03-Nov-17	Scarlet Ibis	Bacterial orchitis	172180

Dr. Emily Mitchell (neé Lane)

Faculty of Veterinary Sience

Research Associate NZG

DISEASE DISTRIBUTION REPORT AS REPORTED BY VETERINARIANS

Table of Contents	
Internal Parasites	Roundworms in general, Resistant Round Worms, Wireworm, Brown stomach-worm, Nodular worm, Eye worm (<i>Thelazia rhodesii</i>), Tape Worms, <i>Parafilaria</i> , Liver fluke, Conical Flukes, Cysticercosis, Other
External Parasites	Blue ticks, Resistant blue Ticks, Heartwater (Bont) ticks, Brown earticks, Bont-legged ticks, Red-legged ticks, Paralysis ticks, Biting lice (red lice), Sucking lice (blue lice), Scab mites, Nuisance Flies, Blowflies, Screwworm, Nasal bot larvae, Midges, Mosquitoes
<u>Tick-borne Diseases</u>	African red water, Asiatic red water, Anaplasmosis, Heartwater, Sweating Sickness, Corridor disease
Insect Transmittable Diseases	Lumpy skin disease, Three-day-stiffsickness, Blue tongue, Nagana
Venereal Diseases	Trichomonosis, Vibriosis, Pizzle disease
Bacterial Disease (other)	Blackquarter, Botulism, Pulpy Kidney, Lamb dysentry, Swelled head disease, Redgut (cattle), Blood gut (Sheep), Tetanus, Brucella abortus, Brucella ovis, Johne`s disease, E. coli, Enzootic Abortion, Dermatophilosis (Lumpy Wool), Intrauterine Gangrene, Bovine Dermatophilosis (Senkobo disease), Fusibacterium necrophorum
Protozoal diseases (other)	Coccidiosis, Cryptosporidium
Fungal diseases	<u>Ringworm</u>
Viral Diseases (other)	BMC, Rabies, BVD (Bovine viral diarrhoea), IBR (Infectious bovine rhinotracheitis), BRSV (Bovine respiratory syncytial virus), Enzootic Bovine Leucosis (EBL), Orf, Warts, Rota virus, Corona Virus
Poisonings (Plant) and Fungal	Cestrum, Cynanchum poisoning, Facial eczema, Geeldikkop/Dikoor, Gousiekte, Lantana, Nenta poisoning (Krimpsiekte), Nitrate poisoning, Prussic acid poisoning, Seneciosis, Tulip Poisoning, Vermeersiekte (Gaigeria spp.), Mycotoxicosis, Other
<u>Poisonings</u>	Water contamination, Urea Poisoning, Snake Bite, Copper Poisoning, Chemical products, Other
Macro Nutritional Problems	Energy deficiency, Protein deficiency, Phosphate deficiency, Calcium deficiency
Micro Nutritional Problems	<u>Iodine deficiency, Copper deficiency, Zinc deficiency, Selenium deficiency, Vitamin A deficiency, Vitamin B deficiency</u>
Multi-factorial Disease Conditions	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

Metabolic Diseases	Acidosis, Displaced abomasum, Ketosis, Milk Fever
Reproductive diseases	Dystocia (Difficult Births), Endometritis, Metritis, Poor conception, Retained afterbirth, Sheath Prolaps, Uterus prolaps, Vaginal (Cervical) prolaps
Climatical Cause	Cold exposure, Drought, Lightning, Frozen to death
Residues	<u>Drug residues</u>
Non specific diseases	Preditors, Sabotation - Theft, Trauma

Internal	Internal Parasites										
Roundworms in general											
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape		
Average	2.4 (8)	2.3 (4)	3.0 (2)	2.0 (3)	2.5 (14)	2.3 (11)	2.0 (8)	2.0 (4)	2.0 (1)		
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 = 1	more than 1	0 cases		
Beef	2.0 (1)			2.0 (1)	1.0 (1)	2.0 (2)	1.0 (1)				
Sheep	2.5 (6)	2.3 (3)	3.0 (1)	2.0 (2)	2.6	2.5 (6)	2.2 (5)	2.0 (4)	2.0 (1)		

2.0(3)

2.0(2)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2, Sheep: 2, Goat: 2

Grootvlei, Grootvlei Dierekliniek

Sheep: 2

Goat

Middelburg , Middelburg Dierehospitaal

2.0(1)

Sheep: 3

Piet Retief, Pets Vet Hospital

Sheep: 3

Standerton, Econovet

Sheep: 3

Volksrust, Cape Cross Volksrust Dierehospitaal

Sheep: 2 Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 2

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

3.0(1)

2.0(1)

Sheep: 3 17 cases Goat: 2 **Limpopo** **Polokwane, Pietersburg Veterinary Clinic** Sheep: 3, Goat: 3 **North West** Christiana, Christiana Dierehospitaal Sheep: 2 Klerksdorp, Klerksdorp Dierehospitaal Beef: 2, Sheep: 2 **Free State Bethlehem, Freestate Bethlehem SV** Sheep: 2 Clocolan, Clocolan Dierekliniek Sheep: 3 **Dewetsdorp, Platkop Dierekliniek** Sheep: 3 Gariepdam, Gariep Dierekliniek Sheep: 2 Mild wireworm infestation in Merino ewes on veld/vleis and lands. Harrismith, Harrismith Dierehospitaal Beef: 1, Sheep: 3 Hoopstad, Hoopstad Dierekliniek Sheep: 3 Kroonstad, Kroonstad Dierehospitaal Sheep: 3 Ladybrand, Ladybrand Sheep: 3 Trompsburg, Dr. Wyn Irwin Sheep: 3 Bankruptworm on the increase Viljoenskroon, Viljoenskroon Dierekliniek Sheep: 3 Villiers, Wilgepoort Dierekliniek Vennootskap Sheep: 3 Vrede, Vrede Dierehospitaal Wesselsbron, Wesselsbron Dierekliniek Sheep: 1 Kwazulu-Natal Camperdown, Camperdown Vet Clinic Sheep: 3 **Dundee, Endumeni Herd health** Sheep: 3, Goat: 2 **Howick, Howick Veterinary Clinic** Beef: 2, Goat: 2 **Mooi River, Mooirivier Vet Clinic** Sheep: 2 Mtubatuba, Mtubatuba Animal Clinic Beef: 2, Goat: 2 **Newcastle, Ncanduvet Newcastle** Sheep: 2 **Underberg, Underberg Veterinary Surgery** Sheep: 3 Vryheid, Vryheid Privaat Veeartse Sheep: 2 **Eastern Cape**

Cradock, Cradock Veterinary Clinic

Sheep: 3 Wet year

Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 2

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2, Goat: 2

Port Alfred, Port Alfred Veterinary Clinic

Beef: 1

One case - Shawpark

Sheep: 2

One case Bathurst; one case Port Alfred

Uitenhage, Uitenhage Dierehospitaal

Sheep: 2

Witelsbos, Witelsbos Veterinary Consulting Rooms

Sheep: 2

Western Cape

Caledon, Caledon Dierekliniek

Sheep: 2

Caledon, Overberg Veterinary Hospital

Sheep: 2

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 2

Riversdale, Riversdal Dierekliniek

Sheep: 2

Northern Cape

Colesberg, Karoo Veterinary Hospital

Sheep: 2

Resistant Round Worms									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.6 (5)		3.0 (2)	1.5 (2)	1.8 (5)		2.3 (4)	3.0 (1)	

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

Beef	1.0 (1)	
Sheep	1.7 (3)	3.0 (1) 1.5 (2) 1.8 (5) 2.5 (2) 3.0 (1)
Goat	2.0(1)	3.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniek

Sheep: 1

Ermelo, Mpumalanga - State Vet Office

Beef: 1

Middelburg, Middelburg Dierehospitaal

Sheen: 2

Nelspruit, Nelspruit Animal Hospital

Goat: 2

Volksrust, Cape Cross Volksrust Dierehospitaal

Sheep: 2

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Sheep: 3, Goat: 3
North West

Klerksdorp, Klerksdorp Dierehospitaal

Sheep: 1

Ventersdorp, Ventersdorp Dierekliniek

Sheep: 2

Free State Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Sheep: 3

Reitz, Riemland Dierehospitaal

Sheep: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 1

Vrede, Vrede Dierehospitaal

Sheep: 1

Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 2

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2, Goat: 2

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 3

Levamisole resistance

Western Cape

George, George Animal Hospital

Sheep: 3

Wireworm									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.4 (7)	2.3 (4)	2.0 (1)	2.8 (4)	2.7 (13)	1.3 (3)	2.3 (3)	2.0 (2)	2.0 (1)

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

Beef					2.0 (1)				
Sheep	2.5 (6)	2.3 (3)	2.0 (1)	2.5 (2)	2.8 (12)	1.5 (2)	2.5 (2)	2.0 (2)	2.0 (1)
Goat	2.0 (1)	2.0(1)		3.0 (2)		1.0(1)	2.0 (1)		

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 2

Malelane, Malelane Dierekliniek

Sheep: 3

Nelspruit, Nelspruit Animal Hospital

Sheep: 2, Goat: 2

Piet Retief, Pets Vet Hospital Sheep: 3 Standerton, Econovet Sheep: 3 **Volksrust, Cape Cross Volksrust Dierehospitaal** Sheep: 2 Gauteng **Bronkhorstspruit, Kerkstraat Dierekliniek** Sheep: 2 Hammanskraal, Themba Animal Clinic Sheep: 2, Goat: 2 Nigel, Welgelegen Dierekliniek Sheep: 3 Sheep dying, had been vaccinated against wireworm Limpopo Makhado, Blouberg Dierekliniek Sheep: 2 Four cases **North West Brits, Brits Dierekliniek** Sheep: 2 Klerksdorp, Buffeldoorn Dierehospitaal Leeudoringstad, Leeudoringstad Dierekliniek Sheep: 3, Goat: 3 **Free State** Clocolan, Clocolan Dierekliniek Sheep: 3 Dewetsdorp, Platkop Dierekliniek Sheep: 3 Harrismith, Harrismith Dierehospitaal Sheep: 3 Hoopstad, Hoopstad Dierekliniek Kroonstad, Kroonstad Dierehospitaal Sheep: 3 Ladybrand, Ladybrand Sheep: 2 Reitz, Riemland Dierehospitaal Sheep: 3 Senekal, Senekal Dierekliniek Sheep: 3 Villiers, Wilgepoort Dierekliniek Vennootskap Vrede, Saulshoek Dierepraktyk Sheep: 2 Wesselsbron, Wesselsbron Dierekliniek Sheep: 2 Winburg, Winburg Dierekliniek Beef: 2, Sheep: 3 Kwazulu-Natal **Dundee, Endumeni Herd health** Sheep: 1, Goat: 1 Kokstad, E.G. Veterinary Services

Sheep: 2

Eastern Cap									
	h, Hertzogbrug	j Diereklii	niek						
Sheep: 2									
Graaff-Rein	et, Camdeboo	Veterina	y Clinic						
Goat: 2									
	ı, Stutterheim	Veterinar	y Clinic						
Sheep: 3									
Severe infest	ation								
Western Ca									
	orge Animal H	ospital							
Sheep: 2									
	y, Malmesbury	Dierehos	pitaal						
Sheep: 2									
Northern Ca	•								
	Kimberley Die	rekliniek							
Sheep: 2									
Brown st	omach-wor	m							^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average						2.0 (1)	2.0 (2)		
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bı	ut less than te	en and 3 =	more than 1	0 cases
Dairy						2.0 (1)			
Goat							2.0 (2)		
Kwazulu-Na	atal								
Howick, Ho	wick Veterinar	y Clinic							
Dairy: 2									
Eastern Cap	e								
Cradock, Cr	adock Veterina	ary Clinic							
Goat: 2									
Graaff-Rein	et, Camdeboo	Veterina	y Clinic						
Goat: 2									,
Nodular v	worm								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)					3.0 (1)		
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bi	ut less than to	en and 3 =	more than 1	0 cases
Sheep		1.0(1)					3.0 (1)		
Gauteng									
	spruit, Kerkstr	aat Diere	kliniek						
Sheep: 1									
Eastern Cap	oe e								
	(EC), Steynsb	urg Diere	hospitaal						
Sheep: 3									

Nodular worn	n lesions								
Eye worn	n (<i>Thelazia</i>	rhodesii)						1
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)				
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases
Beef					1.0 (1)				
Free State									
	ocolan Dierek	liniek							
Beef: 1									
Tape Wor	rms								-
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.6 (5)	2.0 (1)	2.0 (2)	2.8 (4)	2.4 (5)		1.0 (3)		
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases
Beef	2.0 (2)	2.0 (1)			3.0 (1)				
Sheep	1.5 (2)		2.0 (1)	2.7 (3)	2.3 (4)		1.0 (2)		
Goat	1.0(1)		2.0(1)	3.0(1)			1.0(1)		
Mpumalang	a								
	four Diereklin	iek							
Beef: 1, Shee	p: 1								
	umalanga - St	ate Vet Of	fice						
Beef: 3			_						
	lelspruit Anima	al Hospita	I						
Goat: 1 Standerton,	Econovet								
Sheep: 2	LCOHOVEL								
Gauteng									
	, Bapsfontein	Dierehosi	oitaal						
Beef: 2	,								
Limpopo									
Polokwane,	Pietersburg V	eterinary	Clinic						
Sheep: 2, Go									
North West									
	stad, Leeudori	ngstad Di	erekliniek						
Sheep: 3, Go	at: 3								

Stalla Stall	a Diarakliniak																		
	a Dierekliniek																		
Sheep: 3	tica (liver tapew	orm)																	
	o, Ventersdorp		iok																
Sheep: 2	p, ventersuor	DICIEKIII	IICK																
Free State																			
	Harrismith Di	orobocnit [,]	a a l																
Beef: 3, Shee		erenospia	aaı																
	.p. ೨ Kroonstad Die	robocnita	al																
Sheep: 2	Kioolistau Die	renospita	aı .																
•	land Dierehos	nitaal																	
Sheep: 3	iana Dicientos	picaai																	
	n, Wesselsbro	n Dierekli	niek																
Sheep: 1	, 110350.35.0	II DICICKII	cx																
Eastern Cap	ne																		
	et, Camdeboo	Veterina	v Clinic																
Sheep: 1, Go		VCCCIIII	y Cillic																
	Uitenhage Die	rehospita	al																
Sheep: 1	oncominage Die	c.iioopita	u .																
Parafilar	ia								^										
PROVINCE	Mpumalanga	Gauteng	Limpono	North		Kwazulu-	Eastern	Western	Northern										
ROVINCE	r-ipamaianga	Guuteng	Limpopo	West	State	Natal	Cape	Cape	Cape										
Average			1.0(1)			1.0(2)													
Level of impo	ortance scale: 1	= one case	e, 2 = more	than on	e case bi	ut less than te	en and $3 = 1$	more than 1	0 cases										
reported			•																
Beef			1.0(1)			1.0(2)													
Limpopo																			
	Pietershura V	/eterinary	Clinic																
Beef: 1	r ictcisburg t	cccimary	Cillic						Polokwane, Pietersburg Veterinary Clinic										
Kwazulu-Na	atal																		
Kwazulu-Na Mtubatuba		nimal Clin	ic																
Mtubatuba,	atal Mtubatuba Aı	nimal Clin	ic																
Mtubatuba, Beef: 1	Mtubatuba Aı																		
Mtubatuba, Beef: 1 Pietermarit				2															
Mtubatuba, Beef: 1	Mtubatuba Aı			:															
Mtubatuba, Beef: 1 Pietermarit	Mtubatuba Aı zburg, Richmo			:					^										
Mtubatuba, Beef: 1 Pietermarit Beef: 1 Liver fluk	Mtubatuba Ai zburg, Richmo	ond Veteri	nary Clinic		Free	Kwazulu-	Eastern	Western	^ Northern										
Mtubatuba, Beef: 1 Pietermarit Beef: 1 Liver fluk	Mtubatuba Aı zburg, Richmo	ond Veteri	nary Clinic	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape										
Mtubatuba, Beef: 1 Pietermarit Beef: 1 Liver fluk	Mtubatuba Ai zburg, Richmo	ond Veteri	nary Clinic	North	Free State		Eastern Cape	Western Cape											
Mtubatuba, Beef: 1 Pietermarit Beef: 1 Liver fluk	Mtubatuba Ai zburg, Richmo	ond Veteri	nary Clinic	North	State														
Mtubatuba, Beef: 1 Pietermarit Beef: 1 Liver fluk	Mtubatuba Ai zburg, Richmo (e Mpumalanga	ond Veteri	nary Clinic	North	State 2.0	Natal	Cape	Cape											
Mtubatuba, Beef: 1 Pietermarit Beef: 1 Liver fluk PROVINCE	Mtubatuba Ai zburg, Richmo	ond Veteri	nary Clinic	North	State			Cape											
Mtubatuba, Beef: 1 Pietermarit Beef: 1 Liver fluk PROVINCE Average	Mtubatuba Aizburg, Richmo	ond Veteri Gauteng	nary Clinic	North West	2.0 (9)	2.7 (3)	Cape 2.0 (1)	Cape 1.5 (2)	Cape										
Mtubatuba, Beef: 1 Pietermarit Beef: 1 Liver fluk PROVINCE Average Level of impo	Mtubatuba Ai zburg, Richmo (e Mpumalanga	ond Veteri Gauteng	nary Clinic	North West	2.0 (9)	2.7 (3)	Cape 2.0 (1)	Cape 1.5 (2)	Cape										
Mtubatuba, Beef: 1 Pietermarit Beef: 1 Liver fluk PROVINCE Average	Mtubatuba Aizburg, Richmo	ond Veteri Gauteng	nary Clinic	North West	2.0 (9)	2.7 (3)	Cape 2.0 (1)	Cape 1.5 (2)	Cape										
Mtubatuba, Beef: 1 Pietermarit Beef: 1 Liver fluk PROVINCE Average Level of impo	Mtubatuba Aizburg, Richmo Mpumalanga 2.0 (6) Ortance scale: 1	ond Veteri Gauteng	nary Clinic	North West	2.0 (9)	Natal 2.7 (3) ut less than te	2.0 (1) en and 3 = 1	1.5 (2) more than 1	Cape										
Mtubatuba, Beef: 1 Pietermarit Beef: 1 Liver fluk PROVINCE Average Level of impo	Mtubatuba Aizburg, Richmo	ond Veteri Gauteng	nary Clinic	North West	2.0 (9) e case be 2.3	2.7 (3)	Cape 2.0 (1)	Cape 1.5 (2)	Cape										
Mtubatuba, Beef: 1 Pietermarit Beef: 1 Liver fluk PROVINCE Average Level of imporeported Beef	Mtubatuba Aizburg, Richmo Mpumalanga 2.0 (6) Ortance scale: 1	ond Veteri Gauteng	nary Clinic	North West	2.0 (9) e case be 2.3 (4)	2.7 (3) ut less than te	2.0 (1) en and 3 = 1	1.5 (2) more than 1	Cape										
Mtubatuba, Beef: 1 Pietermarit Beef: 1 Liver fluk PROVINCE Average Level of imporeported	Mtubatuba Aizburg, Richmo Mpumalanga 2.0 (6) Ortance scale: 1	ond Veteri Gauteng	nary Clinic	North West	2.0 (9) e case be 2.3	Natal 2.7 (3) ut less than te	2.0 (1) en and 3 = 1	1.5 (2) more than 1	Cape										

					(4)		•		
					(1)				
Sheep	2.0 (2)				(4)			1.0 (1)	
Mpumalang									
	lfour Diereklin	iek							
Beef: 2			·						
Ermeio, Mp Beef: 2	umalanga - St	ate vet Oi	тісе						
	irootvlei Diere	kliniok							
Sheep: 1	ilootviei Diele	KIIIIIEK							
Standerton,	. Econovet								
Beef: 3, Shee									
	Cape Cross Vol	ksrust Die	rehospita	al					
Beef: 1									
Free State									
Bethlehem,	Freestate Bet	hlehem S	V						
Sheep: 1									
	locolan Dierek	liniek							
	y: 2, Sheep: 2								
	Harrismith Di	erehospita	aal						
Beef: 2, Shee									
•	land Dierehos	pitaal							
Beef: 2, Shee									
	on, Viljoenskr	on Dierei	kliniek						
Beef: 3 Kwazulu-N a	-4-1								
	atai /n, Camperdov	vn Vot Cli	nic						
Camperdow Beef: 2	iii, Caiiipei uov	vii vet Ciii	IIIC						
· · ·	wick Veterina	v Clinic							
Beef: 3, Dair		y Cillic							
Eastern Cap									
	Witelsbos Vete	rinary Co	nsulting R	ooms					
Beef: 2									
Western Ca	ре								
Caledon, Ca	ledon Dierekli	niek							
Beef: 2									
	h, Stellenbosc	h Animal	Hospital						
Sheep: 1									
Conical F	lukes								
									_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
	Mpumalanga	Gauteng	Limpopo						
Average				West	1.4 (5)	1.0 (1)	1.0 (1)	Cape	Саре
Average Level of impositions and impositions are also become a second and a second are also become a second are also become a second and a second are also	1.3 (3)			West	1.4 (5)	1.0 (1)	1.0 (1)	Cape	Cape

/	-	`	
	-)	

Mpumalanga **Balfour, Balfour Dierekliniek** Beef: 1 **Bethal, Bethal Dierekliniek** Beef: 1 Standerton, Econovet Beef: 2 Free State **Bethlehem, Freestate Bethlehem SV** Beef: 1 Harrismith, Harrismith Dierehospitaal Beef: 2, Sheep: 2 Reitz, Riemland Dierehospitaal Beef: 1 Senekal, Senekal Dierekliniek Beef: 1 Kwazulu-Natal Camperdown, Camperdown Vet Clinic Beef: 1 **Eastern Cape** Aliwal North, Hertzogbrug Dierekliniek Beef: 1 **Cysticercosis** North Free Kwazulu-**Eastern** Western Northern **PROVINCE Mpumalanga Gauteng Limpopo** West State Natal Cape Cape Cape 2.0 1.0(1)**Average** 2.0(2)(1) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported Beef 3.0 (1) 1.0(1) **Dairy** 2.0 1.0(1) Sheep (1) **Mpumalanga** Middelburg, Middelburg Dierehospitaal Sheep: 1 **Nelspruit, Nelspruit Animal Hospital** Beef: 3 **Free State** Gariepdam, Gariep Dierekliniek Sheep: 2 Sheep carcasses - severe cysticercosis lesions **Western Cape** Heidelberg (WC), Heidelberg Dierekliniek Dairy: 1 Other

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average						2.0 (1)			
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef						2.0 (1)			
Kwazulu-Na									
	howe Veterina	ry Hospita	al						
Beef: 2 Sarcocystis									
	Parasites								
Blue ticks	5								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.2 (9)	2.5 (2)	3.0 (1)	2.3 (3)	2.9 (14)	2.9 (12)	2.3 (3)	2.3 (6)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef	2.3 (8)	2.5 (2)	3.0 (1)	2.3 (3)	2.8 (10)	2.9 (9)	2.3 (3)	2.5 (2)	
Dairy					3.0 (2)	3.0 (2)		2.5 (2)	
Sheep	2.0 (1)				3.0 (2)	3.0 (1)		2.0 (2)	
Mpumalang									
	four Diereklini	iek							
Beef: 2, Shee	ep: 2 u malanga - St a	ata Vat Of	fice						
Beef: 3	amalanga St	ate vet of	1100						
	rootvlei Diere	kliniek							
Beef: 2									
Lydenburg, Beef: 2	Lydenburg Die	erespreek	kamer						
	, Middelburg I	Dierehosp	itaal						
Beef: 1									
	lelspruit Anima	al Hospita	ıl						
Beef: 2	Doto Vot Hose	ital							
Beef: 3	Pets Vet Hosp	ıtdi							
Standerton,	Econovet								
Beef: 3									
Gauteng									
-	, Bapsfontein	Dierehos	pitaal						
Beef: 2									

Hammanskraal, Themba Animal Clinic Beef: 3 Limpopo **Polokwane, Pietersburg Veterinary Clinic** Beef: 3 **North West** Klerksdorp, Klerksdorp Dierehospitaal Stella, Stella Dierekliniek Beef: 3 Vryburg, Molopo Dierespreekkamer Beef: 1 **Free State** Clocolan, Clocolan Dierekliniek Beef: 3, Dairy: 3, Sheep: 3 Harrismith, Harrismith Dierehospitaal Beef: 3 Hoopstad, Hoopstad Dierekliniek Beef: 3, Sheep: 3 Kroonstad, Kroonstad Dierehospitaal Beef: 3, Dairy: 3 **Memel, Memel Veterinary Clinic** Beef: 2 Viljoenskroon, Viljoenskroon Dierekliniek Beef: 3 Villiers, Wilgepoort Dierekliniek Vennootskap Beef: 3 Vrede, Saulshoek Dierepraktyk Vrede, Vrede Dierehospitaal Beef: 3 Winburg, Winburg Dierekliniek Beef: 3 Kwazulu-Natal **Bergville, Bergville Veterinary Clinic** Beef: 3 Bergville, Tugela Vet Clinic Beef: 3 Severe infestation Dundee, Endumeni Herd health Beef: 3, Dairy: 3 **Howick, Howick Veterinary Clinic** Beef: 3, Dairy: 3 **Kokstad, E.G.Veterinary Services** Beef: 2 **Mooi River, Mooirivier Vet Clinic** Pietermaritzburg, Richmond Veterinary Clinic Beef: 3 Tick numbers declining **Underberg, Underberg Veterinary Surgery** Beef: 3, Sheep: 3 Vryheid, Vryheid Privaat Veeartse Beef: 3 **Eastern Cape**

Aliwal North, Hertzogbrug Dierekliniek Beef: 2 **Graaff-Reinet, Graaff Reinet Veterinary Clinic** Stutterheim, Stutterheim Veterinary Clinic Beef: 3 Exsanguination from extremely heavy tick challenge in weaners - 22 died out of 54 animals **Western Cape** George, George Animal Hospital Beef: 3, Dairy: 3 Heidelberg (WC), Heidelberg Dierekliniek Dairy: 2, Sheep: 2 **Oudtshoorn, Oudtshoorn Dierekliniek** Beef: 2, Sheep: 2 **Resistant blue Ticks** North Free Kwazulu-Eastern Western Northern **PROVINCE Mpumalanga Gauteng Limpopo** West State Natal Cape Cape Cape 2.0 **Average** 1.0(2) 2.0(2)2.0(1)2.0(1)(3)Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported 2.0 1.0(2) 2.0(1)2.0(2)Beef (3) **Dairy** 2.0(1)**Mpumalanga Nelspruit, Nelspruit Animal Hospital** Beef: 1 Piet Retief, Pets Vet Hospital Beef: 1 Gauteng Bapsfontein, Bapsfontein Dierehospitaal Hammanskraal, Themba Animal Clinic Beef: 2 Free State Harrismith, Harrismith Dierehospitaal Beef: 1 Villiers, Wilgepoort Dierekliniek Vennootskap Winburg, Winburg Dierekliniek Beef: 3 Kwazulu-Natal Pietermaritzburg, Richmond Veterinary Clinic Beef: 2 **Western Cape**

Dairy: 2

George, George Animal Hospital

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (4)	2.0 (3)	3.0 (3)	2.0 (2)	2.0 (1)	1.8 (10)	1.0 (1)		
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef	1.5 (2)	1.5 (2)	3.0 (1)	2.0 (2)	2.0 (1)	2.0 (5)			
Sheep			3.0 (1)			1.5 (2)			
Goat	1.5 (2)	3.0 (1)	3.0 (1)			1.7 (3)	1.0(1)		
Mpumalang	. ,								
	, Middelburg I	Dierehosp	itaal						
Beef: 1, Goat	·								
·	elspruit Anima	al Hospita							
Beef: 2, Goat	: 2								
Gauteng									
	spruit, Kerkstr	aat Dierel	kliniek						
Beef: 1									
	raal, Themba <i>l</i>	Animal Cli	nic						
Goat: 3									
	ima Veterinar	y Consult	ing Rooms	1					
Beef: 2									
Limpopo	Pietersburg V	otorinary	Clinic						
Beef: 3, Shee		etermai y	Cillic						
North West									
	Christiana Die	rehospita	al						
Beef: 1									
Stella, Stella	a Dierekliniek								
Beef: 3									
Free State									
Winburg, W	inburg Dierek	liniek							
Beef: 2	-								
Kwazulu-Na		.							
	ergville Veteri	nary Clini	C						
Beef: 2	dumeni Herd h	analth							
Beef: 2	uuiiieiii neiu i	lealui							
	Mtubatuba Ar	nimal Clin	ic						
Beef: 3, Goat		ar Cilli							
	zburg, Richmo	nd Veteri	nary Clinic						
	p: 2, Goat: 2		,						
	ngola Animal	Clinic							
Beef: 1, Shee									
Eastern Cap									
Graaff-Rein	et, Camdeboo	Veterinar	y Clinic						
Goat: 1									
Jansenville									

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)	2.0 (1)	3.0 (1)		2.0 (2)	2.2 (6)			
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef	1.7 (3)	2.0 (1)	3.0 (1)		2.0 (2)	2.2 (6)			

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Middelburg, Middelburg Dierehospitaal

Beef: 2

Piet Retief, Pets Vet Hospital

Beef: 2

Gauteng

Bronkhorstspruit, Kerkstraat Dierekliniek

Beef: 2 **Limpopo**

Polokwane, Pietersburg Veterinary Clinic

Beef: 3
Free State

Reitz, Riemland Dierehospitaal

Beef: 2

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Bergville, Tugela Vet Clinic

Beef: 3

Camperdown, Camperdown Vet Clinic

Beef: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Pietermaritzburg, Richmond Veterinary Clinic

Beef: 2

Pongola, Pongola Animal Clinic

Beef: 1

Bont-legg	ged ticks								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)	2.5 (2)	2.3 (3)	3.0 (2)	2.6 (8)	2.0 (1)			3.0 (4)

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

Beef	2.0 (2)	2.5 (2)	2.0 (2)	3.0 (2)	2.6 (7)	2.0 (1)			3.0 (2)
Sheep			3.0 (1)		3.0 (1)				3.0 (1)
Goat									3.0(1)
Mpumalang	a								
	u four Diereklin	iek							
Beef: 1	Tour Diciekiiii	ick							
	, Middelburg	Dierehosn	itaal						
Beef: 3	, i-ilducibulg	Diciciosp	itaai						
Gauteng									
	raal, Themba <i>l</i>	Animal Cli	nic						
Beef: 3	aai, Tileliiba i	Allilliai Cili	ilic						
	ima Veterinar	v Conculti	na Pooma	•					
Beef: 2	iiiia veteiiiiai	y Consulti	ing Rooms	<u>, </u>					
Limpopo									
	Dr Henk Visse	r							
Beef: 1	PI HEHR VISSE								
	Pietersburg V	latarinam	Clinic						
Beef: 3, Shee		etermai y	Cillic						
North West	•								
	Christiana Die	robocnita	s I						
Beef: 3	Cili istialia Die	Tenospita	41						
	Klerksdorp Di	orobocnit	I						
Beef: 3	Kiel Ksuol p Di	erenospic	aaı						
Free State									
	Evanstata Bat	hlaham C\	,						
Beef: 2	Freestate Bet	illellelli S	<u> </u>						
	ocolan Dierek	liniak							
Beef: 2	ocoian Dierek	шиек							
	loopstad Dier	akliniak							
Beef: 3, Shee		ekiiiiek							
	:p. ၁ Kroonstad Die	robocnita	ما						
Beef: 3	KIOOIIStau Die	enospita	aı						
	nel Veterinary	Clinic							
Beef: 2	ilei veterillary	Cillic							
	- Diarahaanita	اما							
Beef: 3	s Dierehospita	Idi							
	inburg Dierek	limiale							
	indurg Dierek	imiek							
Beef: 3	4-1								
Kwazulu-Na		Vat Cli	.!.						
	n, Camperdov	vn vet Cili	1IC						
Beef: 2									
Northern Ca	-								
	u Dierekliniek								
Beef: 3		lelim! al-							
	uruman Diere	Kiiniek							
Beef: 3, Shee	p: 3, Goat: 3								
Red-legg	ed ticks								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape

					2.4	
Average	1.4 (5)	2.0 (1)	1.0(1)	3.0 (1)		2.3 (3)
					(7)	
Level of impo	ortance scale: 1	1 - one case	2 – more	than one	casa hi	it less than to
reported	ortance scale.	i – One case	:, Z = 11101C	tilali one	case bu	it iess triair te
reported						
Poof	1.7 (2)	2.0 (1)	1.0(1)	2.0 (1)	2.6	2 2 (2)
Beef	1.7 (3)	2.0 (1)	1.0 (1)	3.0 (1)	(5)	2.3 (3)
					2.0	
Sheep	1.0(1)					
					(2)	
Goat	1.0 (1)					
Mpumalang	a					
Balfour, Bal	four Diereklir	niek				
Beef: 1, Shee						
	rootvlei Dier	ekliniek				
Beef: 2						
Lydenburg,	Lydenburg D	ierespreek	kamer			
Beef: 2						
Gauteng						
Hammanski	raal, Themba	Animal Cli	nic			
Beef: 2						
Limpopo						
Mokopane,	Dr Henk Visse	er				
Beef: 1						
North West						
Christiana,	Christiana Die	erehospita	al			
Beef: 3		-				
Free State						
Bethlehem,	Freestate Be	thlehem S\	/			
Beef: 2						
Clocolan, Cl	ocolan Dierel	kliniek				
Beef: 2						
Hoopstad, H	loopstad Dier	rekliniek				
Beef: 3, Shee	-					
	nel Veterinar	y Clinic				
Beef: 3		-				
Parys, Parys	s Dierehospit	aal				
Beef: 3	•					
	n, Wesselsbro	on Dierekli	niek			
Sheep: 1						
Kwazulu-Na	ital					
	n, Camperdo	wn Vet Cli	nic			
Beef: 2						
	zburg, Richm	ond Veteri	nary Clinic	3		
Beef: 2	5,					
	Underberg Vo	eterinary S	urgery			
Beef: 3						

Paralysis	ticks						^
PROVINCE	Mpumalanga	Gauteng	Limpopo	Free State	Eastern Cape	Western Cape	Northern Cape

Average					1.7 (3)		2.5 (2)		
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Sheep					1.7 (3)		2.5 (2)		
Free State									
	Rowelsfontein	veearts	Spreekkan	ner					
Sheep: 2	land Dierehos	nitaal							
Sheep: 1	iana Dierenos	pitaai							
	gepoort Dierel	kliniek Ve	nnootskap)					
Sheep: 2			•						
Eastern Cap									
	h, Hertzogbrug	j Diereklii	niek						
Sheep: 2	(FO) OL								
Sheep: 3	(EC), Steynsb	urg Diere	nospitaai						
Karoo paralys	sis ticks								
Biting lice	e (red lice)								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.0 (1)		2.0 (1)	1.0 (1)		
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Sheep				1.0(1)		2.0(1)			
Goat							1.0(1)		
North West								<u> </u>	
Leeudorings	stad, Leeudori	ngstad Di	erekliniek						
Sheep: 1									
	peculates with sl	пеер							
Kwazulu-Na									
	dumeni Herd h	nealth							
Sheep: 2 Eastern Cap	10								
	et, Camdeboo	Veterina	v Clinic						
Goat: 1			,						
Sucking I	ice (blue lic	e)							^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average							2.0 (1)		
	ortance scale: 1							-	

reported									
reported Goat							2.0 (1)		
Eastern Cap	e et, Camdeboo	Veterinar	y Clinic				2.0 (1)		
Scab mite	es								^
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 impore	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases
Sheep					1.0 (1)		1.0 (1)		
Sheep: 1 Eastern Cap		•							
Sheep: 1	et, Camdeboo	veterinar	y Clinic						^
	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (4)	2.0 (1)		3.0 (2)	2.8 (6)	2.6 (7)	3.0 (1)	1.8 (10)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases
Beef	1.5 (2)	2.0 (1)		3.0 (1)	(3)	2.7 (3)	3.0 (1)	1.3 (3)	
Dairy					3.0 (1)	2.5 (2)		2.5 (4)	
Sheep	2.0 (1)			3.0 (1)	2.5 (2)	3.0 (1)		1.3 (3)	
Beef: 2, Shee	four Diereklin		ıl			2.0 (1)			
Gauteng	raal, Themba <i>l</i>	Animal Cli	nic						

Beef: 2									
North West									
	Dierekliniek								
Beef: 3, Shee									
Free State	p. 3								
	ocolan Dierek	liniak							
Beef: 3, Dairy		IIIIICK							
	nel Veterinary	Clinic							
Beef: 3	iei veteiiliai y	Cillic							
	Rowelsfontein	vooarte (Snrookkan	10r					
Sheep: 2	Coweisiontein	i vecaits .	эргесккап	ici					
	inburg Dierek	liniak							
Beef: 3	ilibuly Dielek	iiiick							
Kwazulu-Na	tal								
	dumeni Herd h	nealth							
Dairy: 2	iumem neru i	icaicii							
	wick Veterinar	ry Clinic							
Beef: 3, Dairy		,							
	Mtubatuba Ar	nimal Clin	ic						
Beef: 2, Goat:									
Underberg,	Underberg Ve	terinary S	Surgery						
Beef: 3, Shee									
Eastern Cap									
	Alexandria Pla	atteland S	preekkam	er					
Beef: 3									
Western Cap									
	(WC), Heidelb	erg Dierel	kliniek						
Dairy: 2		_							
_	, Dr Otto Krie	k							
Dairy: 3									
	, Malmesbury	Dierehos	pitaal						
Beef: 2, Dairy									
Oudtshoorn,									
Beef: 1, Shee			•						
	, Oudtshoorn	Diereklini	ek						
Beef: 1, Shee									
·									
Swellendam	p: 1 , Swellendam	Dierehos	pitaal						
·		Dierehos	pitaal						
Swellendam		Dierehos	pitaal						_
Swellendam Dairy: 3		Dierehos	pitaal						^
Swellendam Dairy: 3 Blowflies	, Swellendam			North	Free	Kwazulu-	Eastern	Western	^ Northern
Swellendam Dairy: 3 Blowflies				North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	^ Northern Cape
Swellendam Dairy: 3 Blowflies	, Swellendam								
Swellendam Dairy: 3 Blowflies PROVINCE	, Swellendam Mpumalanga	Gauteng	Limpopo				Cape	Саре	
Swellendam Dairy: 3 Blowflies	, Swellendam	Gauteng	Limpopo		State 2.7				
Swellendam Dairy: 3 Blowflies PROVINCE	, Swellendam Mpumalanga	Gauteng	Limpopo		State		Cape	Саре	
Swellendam Dairy: 3 Blowflies PROVINCE Average	Mpumalanga	Gauteng 1.0 (1)	Limpopo 1.5 (2)	West	2.7 (6)	Natal	3.0 (1)	2.0 (4)	Cape
Swellendam Dairy: 3 Blowflies PROVINCE Average Level of impo	, Swellendam Mpumalanga	Gauteng 1.0 (1)	Limpopo 1.5 (2)	West	2.7 (6)	Natal	3.0 (1)	2.0 (4)	Cape
Swellendam Dairy: 3 Blowflies PROVINCE Average	Mpumalanga	Gauteng 1.0 (1)	Limpopo 1.5 (2)	West	2.7 (6)	Natal	3.0 (1)	2.0 (4)	Cape
Swellendam Dairy: 3 Blowflies PROVINCE Average Level of imporeported	Mpumalanga	Gauteng 1.0 (1) = one case	Limpopo 1.5 (2) e, 2 = more	West	2.7 (6)	Natal	3.0 (1)	2.0 (4) more than 1	Cape
Swellendam Dairy: 3 Blowflies PROVINCE Average Level of impo	Mpumalanga	Gauteng 1.0 (1)	Limpopo 1.5 (2)	West	2.7 (6)	Natal	3.0 (1)	2.0 (4)	Cape
Swellendam Dairy: 3 Blowflies PROVINCE Average Level of imporeported	Mpumalanga	Gauteng 1.0 (1) = one case	Limpopo 1.5 (2) e, 2 = more	West	2.7 (6) e case but 3.0 (2)	Natal	3.0 (1)	2.0 (4) more than 1	Cape
Swellendam Dairy: 3 Blowflies PROVINCE Average Level of imporeported	Mpumalanga	Gauteng 1.0 (1) = one case	Limpopo 1.5 (2) e, 2 = more	West	2.7 (6) e case bu	Natal	3.0 (1)	2.0 (4) more than 1	Cape

Sheep	1.0 (1)		2.0 (1)		2.7 (3)		3.0 (1)	2.0 (2)	
Mpumalang	ja								
Balfour, Ba	four Diereklin	iek							
Sheep: 1									
Gauteng									
Bronkhorst	spruit, Kerkstr	aat Diere	kliniek						
Beef: 1									
Limpopo									
Mokopane,	Dr Henk Visse	r							
Beef: 1									
	Pietersburg V	eterinary	Clinic						
Sheep: 2									
Free State									
	ocolan Dierek	liniek							
	y: 2, Sheep: 3								
-	loopstad Diere	ekliniek							
Sheep: 3									
	Kroonstad Die	rehospita	al						
Sheep: 2									
	inburg Dierek	liniek							
Beef: 3									
Eastern Cap									
	(EC), Steynsb	urg Diere	hospitaal						
Sheep: 3									
Western Ca	•								
	(WC), Heidelb	erg Diere	kliniek						
Sheep: 2									
	y, Malmesbury	Dierehos	pitaal						
Beef: 2, Dair	y: 2, Sheep: 2								
Screw-w	orm								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)	1.0 (2)		2.0 (1)	1.0 (1)	2.0 (1)		
Level of impreported	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases
Beef		2.0 (1)	1.0 (1)		2.0 (1)	1.0 (1)	2.0 (1)		
Sheep			1.0(1)						
Gauteng									
	raal, Themba <i>F</i>	Animal Cli	nic						
Limpopo									
	Dr Henk Visse	r							
Beef: 1									
	Pietersburg V	eterinarv	Clinic						
Sheep: 1									
Free State									

Beef: 2									
Kwazulu-Na									
	zburg, Richmo	nd Veteri	nary Clinic	;					
Beef: 1									
Eastern Cap									
	Alexandria Pla	atteland S	preekkam	er					
Beef: 2									
Nasal bot	larvae								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)			3.0 (2)	2.2 (5)				
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bi	ut less than te	en and 3 =	more than 1	0 cases
Sheep	3.0 (1)			3.0 (1)	2.2 (5)				
Goat				3.0(1)					
Mpumalang	a								
Standerton,									
Sheep: 3									
North West									
	stad, Leeudori	ngstad Di	erekliniek						
Sheep: 3, Go	at: 3								
Free State									
	ocolan Dierek	liniek							
Sheep: 2	1 al- al al								
Ladybrand, Sheep: 2	Ladybrand								
	and Dierehos	nitaal							
Sheep: 2	iana Dierenos	picaai							
•	shoek Dierepr	aktvk							
Sheep: 3	Diciopi								
	n, Wesselsbro	n Dierekli	niek						
Sheep: 2									
Midges									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)			3.0 (5)	2.8 (4)	3.0 (1)			
Level of impo	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
reported									

Dairy					3.0 (1)					
Sheep				3.0 (2)	3.0 (1)					
Mpumalang	a									
Balfour, Balfour Dierekliniek										
Beef: 1										
North West										
	Christiana Die	rehospita	al							
Beef: 3, Shee										
	stad, Leeudori	ngstad Di	erekliniek							
Beef: 3										
Stella, Stella Dierekliniek										
Beef: 3, Shee	ep: 3									
Free State										
Clocolan, Clocolan Dierekliniek										
	/: 3, Sheep: 3	الماماد								
Winburg, Winburg Dierekliniek										
Beef: 2 Kwazulu-Na	ata I									
		nd Votori	namı Clinic							
Beef: 3	zburg, Richmo	iiu veteri	nary Cillic	•						
Deer. 5										
Mosquito	es								^	
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	
Average				3.0 (1)	2.5 (10)	3.0 (2)				
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases	
Beef				3.0 (1)	2.7 (3)	3.0 (1)				
Dairy					2.5 (2)	3.0 (1)				
Sheep					2.4 (5)					
North West										
Leeudoring	stad, Leeudori	ngstad Di	erekliniek							
Beef: 3										
Free State										
Clocolan, Clocolan Dierekliniek										
Beef: 2, Dairy: 2, Sheep: 2										
Harrismith, Harrismith Dierehospitaal										
Beef: 3, Sheep: 3										
Kroonstad, Kroonstad Dierehospitaal										
	y: 3, Sheep: 3									
Philippolis,	Rowelsfontein	veearts S	Spreekkan	ner						
Sheep: 2			•							

Average 2.5 (2) 2.0 (3) 2.0 (2) 2.0 (2) 2.0 (11) 2.2 (10) 2.0 (3) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported 2.5 (2) 2.0 (3) 2.0 (2) 2.0 (2) 2.0 (11) 2.0 (2) 3.0 (1) 2.0 (2) 1.5 (2) Dairy Mpumalanga Ermelo, Moregloed Veterinere Spreekkamer seef: 2 Middelburg, Middelburg Dierehospitaal seef: 2 Magaliesburg, Magaliesburg; Dr Ryan Jeffrey seef: 2 Magaliesburg, Magaliesburg; Dr Ryan Jeffrey seef: 2 Magaliesburg, Megaliesburg Veterinary Clinic seef: 2 Magaliesburg, Pietersburg Veterinary Clinic seef: 3 Pool of the seef of t	Wesselsbron, Wesselsbron Dierekliniek									
Howick, Howick Veterinary Clinic Beef: 3, Dairy: 3 Tick-borne Diseases African red water PROVINCE Mpumalanga Gauteng Limpopo North West State Natal Eastern Cape Northern Cape Average 2.5 (2) 2.0 (3) 2.0 (2) 2.0 (2) 2.0 (11) 2.2 (10) 2.0 (3) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported Beef 2.5 (2) 2.0 (3) 2.0 (2) 2.0 (2) 2.0 (2) 1.5 (2) 2.0 (2) 3.0 (1) 2.0 (2) 2.0 (2) 3.0 (1) 2.0 (2) Mpumalanga Ermelo, Moregloed Veterinere Spreekkamer Beef: 2 Middelburg , Middelburg Dierehospitaal Beef: 3 Bapsfontein, Bapsfontein Dierehospitaal Beef: 2 Impopo Makshado, Blouberg Dierekliniek Beef: 2 Impopo Makshado, Blouberg Dierekospitaal Beef: 2 Mpum cases Polokwane, Pietersburg Veterinary Clinic Beef: 2 Middelburg, Molopo Dierespreekkamer Beef: 2 Middelburg, Molopo Dierespreekkamer Beef: 2 Middelburg, Molopo Dierespreekkamer Beef: 2 Middelburg, Middelburg Dierekliniek Beef: 2 Middelburg, Middelburg Dierekospitaal Beef: 3 Middelburg, Middelburg Dierekliniek Beef: 2 Middelburg, Middelburg Dierekospitaal Beef: 3 Middelburg, Middelburg Dierekliniek Beef: 2 Middelburg, M	Sheep: 2									
Tick-borne Diseases African red water PROVINCE Mpumalanga Gauteng Limpopo North Free State Natal Cape Cape Cape Cape Average 2.5 (2) 2.0 (3) 2.0 (2) 2.0 (2) 2.0 (11) 2.2 (10) 2.0 (3) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported Seef 2.5 (2) 2.0 (3) 2.0 (2) 2.0 (2) 2.0 (11) 2.3 (8) 1.5 (2) 1.5 (2) Dairy 2.0 (2) 3.0 (1) 2.0 (2) Mpumalanga Ermelo, Moregloed Veterinere Spreekkamer Baef: 2 Middelburg , Middelburg Dierehospitaal Baef: 3 Hammanskraal, Themba Animal Clinic Baef: 2 Hammanskraal, Themba Animal Clinic Baef: 2 Hammanskraal, Themba Animal Clinic Baef: 2 Hammanskraal, Themba Marimal Clinic Baef: 2 How cases Polokwane, Pietersburg Veterinary Clinic Baef: 2 North West Clerksdorp Dierehospitaal Baef: 3 Hyburg, Molopo Dierespreekkamer Baef: 1 Free State Bethiehem, Freestate Bethiehem SV Baef: 2 Harrismith, Harrismith Dierehospitaal Baef: 3 Harrismith, Harrismith Dierehospitaal Baef: 3 Harrismith, Harrismith Dierehospitaal Baef: 3 Hyburg, Molopo Dierespreekkamer Baef: 1 Harrismith, Harrismith Dierehospitaal Baef: 2 Harrismith, Harrismith Dierehospitaal Baef: 3 Harrismith Harrismith Dierehospitaal Baef: 3 Harrismith Harrismith Baef: 3 Harrismith Harrismith Baef: 3 Harrismith Harrismith Baef: 3 Harrismith Harrismith B										
African red water PROVINCE Mpumalanga Gauteng Limpopo North West State Kwazulu- Cape Cape Northern Cape Average 2.5 (2) 2.0 (3) 2.0 (2) 2.0 (2) (11) 2.2 (10) 2.0 (3) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported Basef 2.5 (2) 2.0 (3) 2.0 (2) 2.0 (2) 2.0 (2) 2.0 (11) 2.3 (8) 1.5 (2) 1.5 (2) Dairy 2.0 (2) 3.0 (1) 2.0 (2) 2.0 (2) 2.0 (2) 3.0 (1) 2.0 (2) 3.0 (1) 2.0 (2) Mpumalanga Ermelo, Moregloed Veterinere Spreekkamer seef: 2 Middelburg , Middelburg Dierehospitaal seef: 3 Baspfontein, Bapsfontein Dierehospitaal seef: 3 Baspfontein, Bapsfontein Dierehospitaal seef: 2 Jimpopo Magaliesburg, Magaliesburg; Dr Ryan Jeffrey seef: 2 Jimpopo Seef: 2 Jimpopo Seef: 2 Jimpopo Seef: 2 Jimpopo Seef: 3 Northern Seef			ry Clinic							
African red water PROVINCE Mpumalanga Gauteng Limpopo North State Kwazulu- Cape Cape Cape Average 2.5 (2) 2.0 (3) 2.0 (2) 2.0 (2) 2.0 (2) 2.0 (1) 2.2 (10) 2.0 (3) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported 3eef 2.5 (2) 2.0 (3) 2.0 (2) 2.0 (2) 2.0 (11) 2.3 (8) 1.5 (2) 1.5 (2) Dairy Dumalanga Ermelo, Moregloed Veterinere Spreekkamer Seef: 2 Middelburg , Middelburg Dierehospitaal Beef: 2 Hammanskraal, Themba Animal Clinic Beef: 2 Magallesburg, Magaliesburg; Dr Ryan Jeffrey Seef: 2 Magallesburg, Magaliesburg; Dr Ryan Jeffrey Seef: 2 Worth West (Clerksdorp, Klerksdorp Dierehospitaal Beef: 3 Arryburg, Molopo Dierespreekkamer Seef: 3 Hyphurg, Molopo Dierespreekkamer Seef: 3 Hyphurg, Molopo Dierespreekkamer Seef: 3 Hyphurg, Molopo Dierespreekkamer Seef: 1 Free State Bethlehem, Freestate Bethlehem SV Seef: 1 Frankfort, Frankfort Dierekliniek Seef: 2 Harrismith, Harrismith Dierehospitaal Seef: 2	Beef: 3, Dairy	<i>ı</i> : 3								
African red water PROVINCE Mpumalanga Gauteng Limpopo North State Kwazulu- Cape Cape Cape Average 2.5 (2) 2.0 (3) 2.0 (2) 2.0 (2) 2.0 (2) 2.0 (1) 2.2 (10) 2.0 (3) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported 3eef 2.5 (2) 2.0 (3) 2.0 (2) 2.0 (2) 2.0 (11) 2.3 (8) 1.5 (2) 1.5 (2) Dairy Dumalanga Ermelo, Moregloed Veterinere Spreekkamer Seef: 2 Middelburg , Middelburg Dierehospitaal Beef: 2 Hammanskraal, Themba Animal Clinic Beef: 2 Magallesburg, Magaliesburg; Dr Ryan Jeffrey Seef: 2 Magallesburg, Magaliesburg; Dr Ryan Jeffrey Seef: 2 Worth West (Clerksdorp, Klerksdorp Dierehospitaal Beef: 3 Arryburg, Molopo Dierespreekkamer Seef: 3 Hyphurg, Molopo Dierespreekkamer Seef: 3 Hyphurg, Molopo Dierespreekkamer Seef: 3 Hyphurg, Molopo Dierespreekkamer Seef: 1 Free State Bethlehem, Freestate Bethlehem SV Seef: 1 Frankfort, Frankfort Dierekliniek Seef: 2 Harrismith, Harrismith Dierehospitaal Seef: 2	Tick-bor	ne Disease	<u>.</u>							
PROVINCE Mpumalanga Gauteng Limpopo North West State State Natal Cape Cape Cape Cape Cape Cape Cape Cape	TICK BOT	e D.5ea5e								
Average 2.5 (2) 2.0 (3) 2.0 (2) 2.0 (2) 2.0 (11) 2.0 (3) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported Beef 2.5 (2) 2.0 (3) 2.0 (2) 2.0 (2) 2.0 (11) 2.3 (8) 1.5 (2) 1.5 (2) Dairy 2.0 (2) 3.0 (1) 2.0 (2) Mpumalanga Ermelo, Moregloed Veterinere Spreekkamer Beef: 2 Middelburg , Middelburg Dierehospitaal Beef: 3 Gauteng Bapsfontein, Bapsfontein Dierehospitaal Beef: 2 Hammanskraal, Themba Animal Clinic Beef: 2 Hammanskraal, Themba Animal Clinic Beef: 2 Polokwane, Pietersburg Veterinary Clinic Beef: 2 Polokwane, Pietersburg Veterinary Clinic Beef: 3 Prytyburg, Molopo Dierespreekkamer Beef: 1 Free State Bethlehem, Freestate Bethlehem SV Beef: 1 Free State Beef: 1 Free State Beef: 1 Free State Beef: 2 Groonstad, Kroonstad Dierehospitaal	African red water									-
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) 2.0 (3) 2.0 (2) 2.0 (2) 2.0 (2) 2.0 (3) 1.5 (2) 1.5 (2) Dairy 2.0 (2) 3.0 (1) 2.0 (2) Mpumalanga Ermelo, Moregloed Veterinere Spreekkamer Beef: 2 Middelburg , Middelburg Dierehospitaal Beef: 3 Bapsfontein, Bapsfontein Dierehospitaal Beef: 2 Magaliesburg, Magaliesburg; Dr Ryan Jeffrey Beef: 2 Magaliesburg, Magaliesburg; Dr Ryan Jeffrey Beef: 2 Magaliesburg, Megaliesburg Dierekliniek Beef: 2 Morth West Clerksdorp, Klerksdorp Dierehospitaal Beef: 3 Arryburg, Molopo Dierespreekkamer Beef: 1 Free State Bethlehem, Freestate Bethlehem SV Beef: 1 Freankfort, Frankfort Dierekliniek Beef: 2 Harrismith, Harrismith Dierehospitaal Beef: 2 Beef: 2 Beef: 1 Free State Bethlehem, Freestate Bethlehem SV Beef: 1 Frankfort, Frankfort Dierekliniek Beef: 2 Beef: 2 Beef: 2 Beef: 2 Beef: 1 Beef: 2 Beef: 2 Beef: 1 Beef: 2 Beef: 1 Beef: 2 Beef: 2 Beef: 2 Beef: 3 Beef: 2 Beef: 3 Beef: 2 Beef: 3 Beef: 2 Beef: 3 Be	PROVINCE	Mpumalanga	Gauteng	Limpopo						Northern Cape
Reported Seef 2.5 (2) 2.0 (3) 2.0 (2) 2.0 (2) 2.0 (11) 2.3 (8) 1.5 (2) 1.5 (2) Mpumalanga Fremelo, Moregloed Veterinere Spreekkamer Beef: 2 Middelburg Middelburg Dierehospitaal Bapsfontein, Bapsfontein Dierehospitaal Bapsfontein, Bapsfontein Dierehospitaal Bapsfontein, Bapsfontein Dierehospitaal Bapsfontein, Bapsfontein Dierehospitaal Beef: 2 Hammanskraal, Themba Animal Clinic Beef: 1 Hammanskraal, Themba Animal Clinic Beef: 2 Hammanskraal, Themba Anim	Average	2.5 (2)	2.0 (3)	2.0 (2)	2.0 (2)	2.0 (11)	2.2 (10)	2.0 (3)	1.8 (4)	
Mpumalanga Ermelo, Moregloed Veterinere Spreekkamer seef: 2 Middelburg , Middelburg Dierehospitaal seef: 3 Sauteng Sapsfontein, Bapsfontein Dierehospitaal seef: 2 Hammanskraal, Themba Animal Clinic seef: 2 Magaliesburg, Magaliesburg; Dr Ryan Jeffrey seef: 2 Limpopo Makhado, Blouberg Dierekliniek seef: 2 Seef: 2 Seef: 2 Seef: 3 Wo cases Polokwane, Pietersburg Veterinary Clinic seef: 3 Vryburg, Molopo Dierespreekkamer seef: 1 Seef: 1 Seef: 1 Seef: 2 Seef: 1 Seef: 1 Seef: 2 Seef: 1 Seef: 1 Seef: 2 Seef: 1 Seef: 2 Seef: 1 Seef: 2 Seef: 1 Seef: 2 Seef: 2 Seef: 2 Seef: 2 Seef: 3 Seef: 2 Seef: 3 Seef: 2 Seef: 3	Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Mpumalanga Ermelo, Moregloed Veterinere Spreekkamer seef: 2 Middelburg , Middelburg Dierehospitaal seef: 3 Gauteng Sapsfontein, Bapsfontein Dierehospitaal seef: 2 Hammanskraal, Themba Animal Clinic seef: 2 Magaliesburg, Magaliesburg; Dr Ryan Jeffrey seef: 2 Magaliesburg, Magaliesburg; Dr Ryan Jeffrey seef: 2 Magaliesburg Dierekliniek seef: 2 Fivo cases Polokwane, Pietersburg Veterinary Clinic seef: 2 North West Clerksdorp, Klerksdorp Dierehospitaal seef: 3 Aryburg, Molopo Dierespreekkamer seef: 1 Free State Seethlehem, Freestate Bethlehem SV seef: 2 Frankfort, Frankfort Dierekliniek seef: 2 Frankfort, Frankfort Dierekliniek seef: 2 Croonstad, Kroonstad Dierehospitaal	Beef	2.5 (2)	2.0 (3)	2.0 (2)	2.0 (2)	2.0 (11)	2.3 (8)	1.5 (2)	1.5 (2)	
Mpumalanga Ermelo, Moregloed Veterinere Spreekkamer seef: 2 Middelburg , Middelburg Dierehospitaal seef: 3 Gauteng Sapsfontein, Bapsfontein Dierehospitaal seef: 2 Hammanskraal, Themba Animal Clinic seef: 2 Magaliesburg, Magaliesburg; Dr Ryan Jeffrey seef: 2 Magaliesburg, Magaliesburg; Dr Ryan Jeffrey seef: 2 Magaliesburg Dierekliniek seef: 2 Fivo cases Polokwane, Pietersburg Veterinary Clinic seef: 2 North West Clerksdorp, Klerksdorp Dierehospitaal seef: 3 Aryburg, Molopo Dierespreekkamer seef: 1 Free State Seethlehem, Freestate Bethlehem SV seef: 2 Frankfort, Frankfort Dierekliniek seef: 2 Frankfort, Frankfort Dierekliniek seef: 2 Croonstad, Kroonstad Dierehospitaal	Dairy						2.0(2)	3.0 (1)	2.0(2)	
Polokwane, Pietersburg Veterinary Clinic Beef: 2 North West Klerksdorp, Klerksdorp Dierehospitaal Beef: 3 Vryburg, Molopo Dierespreekkamer Beef: 1 Free State Bethlehem, Freestate Bethlehem SV Beef: 1 Frankfort, Frankfort Dierekliniek Beef: 2 Harrismith, Harrismith Dierehospitaal Beef: 2 Kroonstad, Kroonstad Dierehospitaal	Gauteng Bapsfontein, Bapsfontein Dierehospitaal Beef: 2 Hammanskraal, Themba Animal Clinic Beef: 2 Magaliesburg, Magaliesburg; Dr Ryan Jeffrey Beef: 2 Limpopo Makhado, Blouberg Dierekliniek									
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Ladybrand, Ladybrand							
Beef: 2							
Reitz, Riemland Dierehospitaal							
Beef: 2							
Viljoenskroon, Viljoenskroon Dierekliniek							
Reef: 3							
Villiers, Wilgepoort Dierekliniek Vennootskap							
Beef: 2							
Vrede, Saulshoek Dierepraktyk Beef: 2							
Vrede, Vrede Dierehospitaal							
Beef: 2							
Winburg, Winburg Dierekliniek							
Beef: 2							
Kwazulu-Natal							
Camperdown, Camperdown Vet Clinic							
Beef: 1							
Dundee, Endumeni Herd health							
Dairy: 1							
Howick, Howick Veterinary Clinic							
Beef: 3, Dairy: 3							
Kokstad, E.G.Veterinary Services							
Beef: 3							
Mooi River, Mooirivier Vet Clinic							
Beef: 2							
Mtubatuba, Mtubatuba Animal Clinic							
Beef: 2							
Newcastle, Ncanduvet Newcastle							
Beef: 3							
Pietermaritzburg, Richmond Veterinary Clinic							
Beef: 2							
In general tick borne diseases are declining							
Vryheid, Vryheid Privaat Veeartse							
Beef: 2							
Eastern Cape							
Jeffreys Bay, Cape Cross Veterinary Hospital							
Dairy: 3							
Port Alfred, Port Alfred Veterinary Clinic							
Beef: 1							
One case Bathurst							
Queenstown, Queenstown Veterinary clinic							
Beef: 2							
Western Cape							
George, George Animal Hospital							
Beef: 2, Dairy: 2							
Heidelberg (WC), Heidelberg Dierekliniek							
Dairy: 2							
Oudtshoorn, Oudtshoorn Dierekliniek							
Beef: 1							
Asiatic red water	^						

	Asiatic red water									^
I	PROVINCE	Mpumalanga	Gauteng	Limpopo		Free State		Eastern Cape	Western Cape	Northern Cape

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Hammanskraal, Themba Animal Clinic Beef: 1 Limpopo Makhado, Blouberg Dierekliniek Beef: 2 Three cases Polokwane, Pietersburg Veterinary Clinic Beef: 2 North West Brits, Brits Dierekliniek Beef: 1, Dairy: 1 Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Stella, Stella Dierekliniek Beef: 3 Free State Bethlehem, Freestate Bethlehem SV Beef: 2 Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 2			aat Dierel	diniek					
Beef: 1 Limpopo Makhado, Blouberg Dierekliniek Beef: 2 Three cases Polokwane, Pietersburg Veterinary Clinic Beef: 2 North West Brits, Brits Dierekliniek Beef: 1, Dairy: 1 Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Stella, Stella Dierekliniek Beef: 3 Free State Bethlehem, Freestate Bethlehem SV Beef: 2 Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3									
Limpopo Makhado, Blouberg Dierekliniek Beef: 2 Three cases Polokwane, Pietersburg Veterinary Clinic Beef: 2 North West Brits, Brits Dierekliniek Beef: 1, Dairy: 1 Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Stella, Stella Dierekliniek Beef: 3 Free State Bethlehem, Freestate Bethlehem SV Beef: 2 Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 2		raal, Themba <i>l</i>	Animal Cli	nic					
Makhado, Blouberg Dierekliniek Beef: 2 Three cases Polokwane, Pietersburg Veterinary Clinic Beef: 2 North West Brits, Brits Dierekliniek Beef: 1, Dairy: 1 Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Stella, Stella Dierekliniek Beef: 3 Free State Bethlehem, Freestate Bethlehem SV Beef: 2 Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Harrismith, Harrismith Dierehospitaal									
Beef: 2 Three cases Polokwane, Pietersburg Veterinary Clinic Beef: 2 North West Brits, Brits Dierekliniek Beef: 1, Dairy: 1 Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Stella, Stella Dierekliniek Beef: 3 Free State Bethlehem, Freestate Bethlehem SV Beef: 2 Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Harrismith, Harrismith Dierehospitaal Beef: 2									
Polokwane, Pietersburg Veterinary Clinic Geef: 2 North West Brits, Brits Dierekliniek Geef: 1, Dairy: 1 Klerksdorp, Klerksdorp Dierehospitaal Geef: 3 Free State Bethlehem, Freestate Bethlehem SV Geef: 2 Clocolan, Clocolan Dierekliniek Geef: 3 Frankfort, Frankfort Dierekliniek Geef: 3 Harrismith, Harrismith Dierehospitaal Geef: 2		louberg Diere	Kliniek						
Polokwane, Pietersburg Veterinary Clinic Beef: 2 North West Brits, Brits Dierekliniek Beef: 1, Dairy: 1 Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Stella, Stella Dierekliniek Beef: 3 Free State Bethlehem, Freestate Bethlehem SV Beef: 2 Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Harrismith, Harrismith Dierehospitaal Beef: 2									
Reef: 2 North West Brits, Brits Dierekliniek Beef: 1, Dairy: 1 Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Stella, Stella Dierekliniek Beef: 3 Free State Bethlehem, Freestate Bethlehem SV Beef: 2 Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Harrismith, Harrismith Dierehospitaal Beef: 2		Diotorchura V	lotorinary.	Clinic					
North West Brits, Brits Dierekliniek Beef: 1, Dairy: 1 Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Stella, Stella Dierekliniek Beef: 3 Free State Bethlehem, Freestate Bethlehem SV Beef: 2 Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Harrismith, Harrismith Dierehospitaal Beef: 2		Pietersburg v	etermary	Cillic					
Brits, Brits Dierekliniek Beef: 1, Dairy: 1 Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Stella, Stella Dierekliniek Beef: 3 Free State Bethlehem, Freestate Bethlehem SV Beef: 2 Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Harrismith, Harrismith Dierehospitaal Beef: 2									
Reef: 1, Dairy: 1 Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Stella, Stella Dierekliniek Beef: 3 Free State Bethlehem, Freestate Bethlehem SV Beef: 2 Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Harrismith, Harrismith Dierehospitaal Beef: 2									
Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Stella, Stella Dierekliniek Beef: 3 Free State Bethlehem, Freestate Bethlehem SV Beef: 2 Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Harrismith, Harrismith Dierehospitaal Beef: 2	•								
Seef: 1 Stella, Stella Dierekliniek Seef: 3 Free State Bethlehem, Freestate Bethlehem SV Seef: 2 Clocolan, Clocolan Dierekliniek Seef: 3 Frankfort, Frankfort Dierekliniek Seef: 3 Harrismith, Harrismith Dierehospitaal Seef: 2			erehospit	aal					
Stella, Stella Dierekliniek Beef: 3 Free State Bethlehem, Freestate Bethlehem SV Beef: 2 Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Harrismith, Harrismith Dierehospitaal Beef: 2	Beef: 1								
Beef: 3 Free State Bethlehem, Freestate Bethlehem SV Beef: 2 Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Harrismith, Harrismith Dierehospitaal Beef: 2		a Dierekliniek							
Bethlehem, Freestate Bethlehem SV Beef: 2 Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Harrismith, Harrismith Dierehospitaal Beef: 2	Beef: 3								
Beef: 2 Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Harrismith, Harrismith Dierehospitaal Beef: 2	Free State								
Clocolan, Clocolan Dierekliniek Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Harrismith, Harrismith Dierehospitaal Beef: 2	Bethlehem,	Freestate Bet	hlehem S	/					
Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 Harrismith, Harrismith Dierehospitaal Beef: 2	Beef: 2								
Frankfort, Frankfort Dierekliniek Beef: 3 Harrismith, Harrismith Dierehospitaal Beef: 2	Clocolan, Cl	ocolan Dierek	liniek						
Beef: 3 Harrismith, Harrismith Dierehospitaal Beef: 2	Beef: 3								
Harrismith, Harrismith Dierehospitaal Beef: 2		rankfort Diere	ekliniek						
Beef: 2	Beef: 3								
		Harrismith Di	erehospita	nal					
Kroonstad, Kroonstad Dierehospitaal	Beef: 2			_					
	Kroonstad,	Kroonstad Die	rehospita	al					

Beef: 2								
Parys, Parys Dierehospita Beef: 2	ıaı							
Senekal, Senekal Dierekli	niok							
Beef: 1	пек							
=	klimiak Va							
Villiers, Wilgepoort Diere	kiiniek ve	ппоосѕкар	,					
Beef: 2								
Winburg, Winburg Dierek	ппек							
Beef: 2								
Kwazulu-Natal	Vat 61:							
Camperdown, Camperdov	vn vet Cili	nic						
Beef: 1	111.							
Dundee, Endumeni Herd I	neaith							
Beef: 2, Dairy: 2		•						
Eshowe, Eshowe Veterina	ry Hospita	al						
Beef: 2	eli i							
Howick, Howick Veterina	ry Clinic							
Beef: 2								
Kokstad, E.G.Veterinary S	ervices							
Beef: 3								
Mooi River, Mooirivier Ve	t Clinic							
Beef: 1								
Pietermaritzburg, Richmo	ond Veteri	nary Clinic	3					
Beef: 3	_							
Vryheid, Vryheid Privaat V	Veeartse							
Beef: 1								
Eastern Cape								
Alexandria, Alexandria Pl	atteland S	preekkam	er					
Dairy: 3								
Humansdorp, Humansdor	p Veterina	ary Clinic						
Beef: 1								
Jeffreys Bay, Cape Cross	Veterinary	/ Hospital						
Dairy: 3								
Port Alfred, Port Alfred Ve	eterinary (Clinic						
Beef: 1								
One case Port Alfred								
Queenstown, Queenstow	n Veterina	ry clinic						
Beef: 1								
Stutterheim, Stutterheim	Veterinar	y Clinic						
Beef: 3								
Acute								
Witelsbos, Witelsbos Vete	erinary Co	nsulting R	ooms					
Beef: 1								
Western Cape								
George, George Animal H	ospital							
Beef: 2, Dairy: 2								
Heidelberg (WC), Heidelb	erg Dierel	kliniek						
Dairy: 2								
Oudtshoorn, Oudtshoorn	Diereklini	ek						
Beef: 1								
Anaplasmosis								^
PROVINCE Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape

	1.5 (4)	1.5.(2)	1.0 (1)	2.0.(5)	2.2	2.0.(4)	1.0 (5)	1.0.(5)	1.2.(2)
Average	1.5 (4)	1.5 (2)	1.0(1)	2.0 (5)	(13)	2.0 (4)	1.8 (5)	1.8 (5)	1.3 (3)
	ortance scale: 1	= one case	e, 2 = more	than one	case bu	t less than te	n and 3 = r	nore than 10	cases
reported									
Beef	1.5 (4)	1.5 (2)	1.0(1)	2.0 (5)	2.1	1.5 (2)	1.3 (3)	1.5 (2)	1.3 (3)
Deci	1.5 (4)	1.3 (2)	1.0 (1)	2.0 (3)	(11)	1.5 (2)	1.5 (5)	1.5 (2)	1.5 (5)
Dairy					2.5 (2)	2.5 (2)	2.5 (2)	2.0 (3)	
Mpumalang	la				(-)				
	lfour Diereklin	iek							
Beef: 1									
Grootvlei, G	rootvlei Diere	kliniek							
Beef: 2									
Standerton	, Econovet								
Beef: 2									
Volksrust, C	Cape Cross Vol	ksrust Die	rehospita	al					
Beef: 1									
Gauteng									
Bapsfonteir	n, Bapsfontein	Dierehosp	itaal						
Beef: 2									
	spruit, Kerkstr	aat Dierek	diniek						
Beef: 1									
Limpopo									
	, Pietersburg V	eterinary	Clinic						
Beef: 1									
North West									
	Christiana Die	rehospita	al						
Beef: 3									
	Klerksdorp Di	erehospit	aal						
Beef: 2									
	stad, Leeudori	ngstad Di	erekliniek						
Beef: 2									
	d, after camp ch								
	p, Ventersdorp	Diereklin	iek						
Beef: 2									
	olopo Dierespr	eekkamer							
Beef: 1									
Free State	Cuardina	. Diazzaz	-						
	, Greylingsrust	Dierespre	еккатег						
Beef: 2	laaslan Disyah	linial.							
Beef: 2	locolan Dierek	шиек							
	Harrismith Di	orobocnita	I						
Beef: 2	Harrismith Di	erenospita	ıaı						
	Hoopstad Diere	akliniak							
Beef: 3	ioopstau Diele	CAIIIICK							
	Kroonstad Die	rehosnita	al						
Beef: 3, Dair		. cnospica	a i						
Ladybrand,									
Beef: 2	Lauybiaila								
	land Dierehos	nitaal							
Beef: 3	iuliu Dielelios	pitaai							
DCCIT 5									

	nekal Dierekli	niek							
Roofe 2 Dair		IIICK							
Beef: 2, Dairy	y. ∠ on, Viljoenskr	oon Diorol	diniak						
Beef: 1	oli, viljoeliski	Dielei	Killilek						
	la Diazahaanit								
Beef: 1	le Dierehospita	ddi							
	/imbuwa Diawale	الماماد							
Beef: 2	inburg Dierek	liniek							
Kwazulu-Na	stal								
		n, Clinia							
	wick Veterina	y Clinic							
Beef: 2, Dairy	y. ∠ Mooirivier Vet	t Clinic							
Beef: 1	MODIFIVIER VE	Clinic							
	Undorbora Vo	torinam, C							
	Underberg Ve	terinary 5	urgery						
Dairy: 3									
Eastern Cap		attaland C							
	Alexandria Pla	atteiand S	ргееккат	ег					
Dairy: 2	ot Granff Del	ant Votari	nami Clinia						
	et, Graaff Rei	iet veterii	nary Cililic						
Beef: 1	p, Humansdor	n Votorin	ny Clinic						
Beef: 1	p, numansuor	p veterina	ary Clinic						
	v Cana Cross I	/otorinarı	. Hoonital						
Dairy: 3	y, Cape Cross \	vetermary	поѕрітаі						
	Port Alfred Ve	torinary (linic						
Beef: 2	Port Airieu Ve	etermary t	JIIIIC						
	cacoci Martindal	0.2.606							
	cases; Martindal	e z cases							
Western Ca	-	ocnital							
Beef: 1	orge Animal H	ospitai							
	. Turrituata ah								
	y, Invitrotech								
Dairy: 2	. Malmachum	Diarahaa	mitaal						
Dairy: 2	y, Malmesbury	Dierenos	pitaai						
	Divoredal Dio	بمادانه نماد							
Beef: 2, Dair	Riversdal Dier	ekiiiiek							
peer. 7. Dair	y. Z								
	•								
Northern Ca	ape	-							
Northern Ca Kathu, Kath	•	(
Northern Ca Kathu, Kath Beef: 1	ape nu Dierekliniek								
Northern Ca Kathu, Kath Beef: 1 Kuruman, K	ape								
Northern Ca Kathu, Kath Beef: 1 Kuruman, K Beef: 2	ape nu Dierekliniek Kuruman Diere	kliniek	iniok						
Northern Ca Kathu, Kath Beef: 1 Kuruman, K Beef: 2 Postmasbur	ape nu Dierekliniek	kliniek	iniek						
Northern Ca Kathu, Kath Beef: 1 Kuruman, K Beef: 2	ape nu Dierekliniek Kuruman Diere	kliniek	iniek						
Northern Ca Kathu, Kath Beef: 1 Kuruman, K Beef: 2 Postmasbur	ape nu Dierekliniek Kuruman Diere rg, Postmasbu	kliniek	iniek						^
Northern Ca Kathu, Kath Beef: 1 Kuruman, K Beef: 2 Postmasbur Beef: 1 Heartwat	ape nu Dierekliniek Kuruman Diere rg, Postmasbu	kliniek rg Dierekl		North	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Northern Ca Kathu, Kath Beef: 1 Kuruman, K Beef: 2 Postmasbur Beef: 1 Heartwat	ape nu Dierekliniek Kuruman Diere rg, Postmasbu ter	kliniek rg Dierekl			State				

1.8 (6) 1.0 (1)

2.0 (2) | 1.3 (3) | 2.3 (3) | 1.3 (3)

Beef

Sheep		1.0 (1) 2.5	(2)		1.3 (3)	1.0(2)	
Goat	2.0 (2)	1.3 (3) 2.5			1.7 (3)	1.0 (2)	
Mpumalan	. ,	1.5 (5) 2.5	(2)		1.7 (3)	1.0 (2)	
	ya y , Middelburg	Dierehosnitaal					
Beef: 3, Goa		Diciciospitaai					
	Nelspruit Anim	al Hosnital					
Goat: 1	reispi dit Ailiii	ai i iospitai					
	Pets Vet Hosp	ital					
Beef: 1	rets vet 110sp	icai					
Gauteng							
	enruit Karketr	aat Diereklinie	k				
Beef: 1	spran, Kerkser	dat Diciekiiiie	<u> </u>				
	raal, Themba	Animal Clinic					
Beef: 2, Goa		Aillinai Cillic					
· · · · · · · · · · · · · · · · · · ·		y Consulting R	oome				
Goat: 1	illila veterillar	y consuming it	Ooms				
	nderstenoort A	cademic Hospi	tal and Proc	duction Ani	imal Clinic	•	
	ep: 1, Goat: 1	icadelliic Hospi	tai ana Frot	auction Am	illiai Cillia		
Limpopo	ср. 1, обас. 1						
	Blouberg Diere	kliniek					
Beef: 2	blouberg biere	Killick					
Eight cases							
	Dr Henk Visse	r					
	ep: 2, Goat: 2	•					
		eterinary Clini	 с				
	ep: 3, Goat: 3	Cecimian y Cimi					
North West	· · · · · · · · · · · · · · · · · · ·						
	Christiana Die	rehospitaal					
Beef: 1							
	g, Bergbos Diei	rekliniek					
Beef: 2	g, _ e. g. ee e.						
Vrvburg, M	olopo Dierespr	eekkamer					
Beef: 1							
Kwazulu-N	atal						
	wn, Camperdov	vn Vet Clinic					
	ep: 2, Goat: 2						
	ndumeni Herd I	nealth					
Beef: 2							
Eshowe, Es	showe Veterina	ry Hospital					
Beef: 2		<u> </u>					
Seven cases							
Mtubatuba	, Mtubatuba Aı	nimal Clinic					
Beef: 3, Goa							
		nd Veterinary	Clinic				
Sheep: 1		•					
	ongola Animal	Clinic					
	ep: 1, Goat: 1						
	yheid Privaat \	/eeartse					
Beef: 1							
Eastern Ca	ре						
	r Jane Pistoriu	IS					
Coate 1							

Goat: 1

Goat: 1

Graaff-Reinet, Camdeboo Veterinary Clinic

	p, Humansdor	p Veterina	ary Clinic						
Sheep: 1	D. 1 AIC . 1 W.		o						
	Port Alfred Ve	eterinary (Clinic						
Beef: 1 One case Mai	tindala								
Sheep: 1	unuale								
One case - Fr	azers camn								
One case Tr	azers camp								
Sweating	Sickness								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average			1.0 (1)		1.5 (2)				1.0 (2)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef			1.0 (1)		1.5 (2)				1.0 (2)
Limpopo									
	Pietersburg V	eterinary	Clinic						
Beef: 1									
Free State									
	, Hertzogville	Diereklin	iek						
Beef: 1	inh Dianale	limial:							
Beef: 2	inburg Dierek	imiek							
Northern Ca	ne								
	uruman Diere	kliniek							
Beef: 1									
	g, Postmasbu	rg Dierek	liniek						
Beef: 1	<u> </u>								
Corridor	disease								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average						1.0 (1)			
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef						1.0 (1)			
Kwazulu-Na									
	ngola Animal	Clinic							
Beef: 1									
Insect T	r <mark>ansmitta</mark> b	le Dise	ases						
Lumpy sk	in disease								^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape				
Average	1.6 (5)	2.0 (1)	1.0 (1)	2.0 (1)	2.3 (9)	2.7 (12)	2.5 (2)						
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bi	ut less than te	en and 3 =	more than 1	0 cases				
Beef	1.6 (5)	2.0 (1)	1.0 (1)	2.0 (1)	2.3 (9)	2.6 (10)	2.5 (2)						
Dairy						3.0 (2)							
	<u> </u>					()							
	Mpumalanga Balfour Balfour Dierekliniek												
Beef: 1	Balfour, Balfour Dierekliniek												
	ımalanga - Sta	ate Vet Of	fice										
Beef: 2	gu 0ti												
Middelburg	, Middelburg I	Dierehosp	itaal										
Beef: 1		•											
Nelspruit, N	elspruit Anima	al Hospita											
Beef: 2													
	Pets Vet Hosp	ital											
Beef: 2													
Gauteng													
	pruit, Kerkstr	aat Dierel	kliniek										
Beef: 2													
Limpopo	Pietersburg V	otorinary	Clinic										
Beef: 1	rietersburg v	etermar y	Cillic										
North West													
	olopo Dierespr	eekkamer											
Beef: 2													
Free State													
Bethlehem,	Freestate Bet	hlehem S\	/										
Beef: 3													
	Harrismith Die	erehospita	aal										
Beef: 3													
	loopstad Diere	ekliniek											
Beef: 3		Clinia											
Beef: 2	nel Veterinary	CIIIIC											
	and Dierehos	nitaal											
Beef: 3	2.0.0.00												
	nekal Dierekli	niek											
Beef: 2													
	on, Viljoenskro	oon Dierel	kliniek										
Beef: 1													
	shoek Dierepra	aktyk											
Beef: 1													
	inburg Dierek	liniek											
Beef: 3	1												
Kwazulu-Na		nanı Clini	_										
Beef: 3	ergville Veteri	iiai y Ciinii	<u> </u>										

Camperdow	n, Camperdov	vn Vet Cli	nic						
Beef: 2	, capcac.								
	dumeni Herd l	nealth							
Beef: 3									
	wick Veterina	rv Clinic							
Beef: 3, Dairy		,							
	G.Veterinary S	ervices							
Beef: 3		- C. 71.C.C							
	Mooirivier Vet	t Clinic							
Beef: 2									
Newcastle,	Ncanduvet Ne	wcastle							
Beef: 3									
Pietermarit	zburg, Richmo	nd Veteri	nary Clinic	С					
Beef: 2									
Lumpy skin d	isease declining	but there	were no rep	orts of th	ree day	stiff sickness	or Rift Valle	ey Fever this	season in
our area.	_							•	
Pongola, Po	ngola Animal	Clinic							
Beef: 3									
	Underberg Ve	terinary S	Surgery						
Dairy: 3									
Severe epide	mic outbreak ca	using drop	in milk prod	duction a	nd death	ns			
Vryheid, Vry	yheid Privaat \	/eeartse							
Beef: 2									
Eastern Cap									
	(EC), Steynsb	urg Diere	hospitaal						
Beef: 2									
Queenstow	n, Queenstow	n Veterina	ary clinic						
Beef: 3									
the state of the s									
Three-da	y-stiffsickn	ess							_
	y-stiffsickno		Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
		Gauteng	Limpopo 3.0 (1)	West	State		Cape	Cape	
PROVINCE Average	Mpumalanga	Gauteng 1.7 (3)	3.0 (1)	West 2.0 (1)	1.8 (5)	Natal 2.5 (2)	2.0 (1)	2.7 (3)	2.0 (1)
Average Level of imporeported	Mpumalanga	Gauteng 1.7 (3)	3.0 (1) e, 2 = more	2.0 (1)	1.8 (5) e case b	Natal 2.5 (2)	2.0 (1)	2.7 (3)	2.0 (1)
PROVINCE Average Level of impo	Mpumalanga 1.3 (3) ortance scale: 1	Gauteng 1.7 (3) = one case	3.0 (1) e, 2 = more	2.0 (1)	1.8 (5) e case b	Natal 2.5 (2) ut less than to	2.0 (1) en and 3 =	2.7 (3) more than 1	2.0 (1) 0 cases
PROVINCE Average Level of imporeported Beef Dairy	Mpumalanga 1.3 (3) ortance scale: 1 1.3 (3)	Gauteng 1.7 (3) = one case	3.0 (1) e, 2 = more	2.0 (1)	1.8 (5) e case b	Natal 2.5 (2) ut less than to	2.0 (1) en and 3 =	2.7 (3) more than 1 2.5 (2)	2.0 (1) 0 cases
PROVINCE Average Level of imporeported Beef Dairy Mpumalang	Mpumalanga 1.3 (3) prtance scale: 1 1.3 (3)	1.7 (3) = one case 1.7 (3)	3.0 (1) e, 2 = more	2.0 (1)	1.8 (5) e case b	Natal 2.5 (2) ut less than to	2.0 (1) en and 3 =	2.7 (3) more than 1 2.5 (2)	2.0 (1) 0 cases
Average Level of imporeported Beef Dairy Mpumalang Balfour, Bal	Mpumalanga 1.3 (3) ortance scale: 1 1.3 (3)	1.7 (3) = one case 1.7 (3)	3.0 (1) e, 2 = more	2.0 (1)	1.8 (5) e case b	Natal 2.5 (2) ut less than to	2.0 (1) en and 3 =	2.7 (3) more than 1 2.5 (2)	2.0 (1) 0 cases
PROVINCE Average Level of imporeported Beef Dairy Mpumalang Balfour, Bal Beef: 2	Mpumalanga 1.3 (3) ortance scale: 1 1.3 (3) a four Diereklin	1.7 (3) = one case 1.7 (3)	3.0 (1) e, 2 = more 3.0 (1)	2.0 (1)	1.8 (5) e case b	Natal 2.5 (2) ut less than to	2.0 (1) en and 3 =	2.7 (3) more than 1 2.5 (2)	2.0 (1) 0 cases
PROVINCE Average Level of imporeported Beef Dairy Mpumalang Balfour, Bal Beef: 2 Ermelo, Mô	Mpumalanga 1.3 (3) prtance scale: 1 1.3 (3)	1.7 (3) = one case 1.7 (3)	3.0 (1) e, 2 = more 3.0 (1)	2.0 (1)	1.8 (5) e case b	Natal 2.5 (2) ut less than to	2.0 (1) en and 3 =	2.7 (3) more than 1 2.5 (2)	2.0 (1) 0 cases
Average Level of imporeported Beef Dairy Mpumalang Balfour, Bal Beef: 2 Ermelo, Mô Beef: 1 Grootvlei, G	Mpumalanga 1.3 (3) ortance scale: 1 1.3 (3) a four Diereklin	Gauteng 1.7 (3) = one case 1.7 (3) iek	3.0 (1) e, 2 = more 3.0 (1)	2.0 (1)	1.8 (5) e case b	Natal 2.5 (2) ut less than to	2.0 (1) en and 3 =	2.7 (3) more than 1 2.5 (2)	2.0 (1) 0 cases
Average Level of imporeported Beef Dairy Mpumalang Balfour, Bal Beef: 2 Ermelo, Mô Beef: 1 Grootvlei, G Beef: 1	Mpumalanga 1.3 (3) ortance scale: 1 1.3 (3) a four Diereklin regloed Veteri	Gauteng 1.7 (3) = one case 1.7 (3) iek	3.0 (1) e, 2 = more 3.0 (1)	2.0 (1)	1.8 (5) e case b	Natal 2.5 (2) ut less than to	2.0 (1) en and 3 =	2.7 (3) more than 1 2.5 (2)	2.0 (1) 0 cases
Average Level of imporeported Beef Dairy Mpumalang Balfour, Bal Beef: 2 Ermelo, Mô Beef: 1 Grootvlei, G Beef: 1 Gauteng	Mpumalanga 1.3 (3) ortance scale: 1 1.3 (3) a four Diereklin regloed Veteri	Gauteng 1.7 (3) = one case 1.7 (3) iek nêre Sprekliniek	3.0 (1) e, 2 = more 3.0 (1) eekkamer	2.0 (1)	1.8 (5) e case b	Natal 2.5 (2) ut less than to	2.0 (1) en and 3 =	2.7 (3) more than 1 2.5 (2)	2.0 (1) 0 cases
PROVINCE Average Level of imporeported Beef Dairy Mpumalang Balfour, Bal Beef: 2 Ermelo, Mô Beef: 1 Grootvlei, G Beef: 1 Gauteng Hammanski	Mpumalanga 1.3 (3) ortance scale: 1 1.3 (3) a four Diereklin regloed Veteri	Gauteng 1.7 (3) = one case 1.7 (3) iek nêre Sprekliniek Animal Cli	3.0 (1) e, 2 = more 3.0 (1) eekkamer	2.0 (1)	1.8 (5) e case b	Natal 2.5 (2) ut less than to	2.0 (1) en and 3 =	2.7 (3) more than 1 2.5 (2)	2.0 (1) 0 cases

Beef: 1									
•	ima Veterinar	y Consult	ing Rooms	•					
Beef: 2									
impopo									
	Pietersburg V	eterinary	Clinic						
Beef: 3									
North West									
	Christiana Die	rehospita	al						
Beef: 2									
Free State									
	Greylingsrust	Dierespr	eekkamer						
Beef: 1									
	Harrismith Die	erenospita	aaı						
Beef: 1			•						
	Kroonstad Die	renospita	aı						
Beef: 2	l l D' l	. • • • • •							
	land Dierehos _l	pitaal							
Beef: 3	an Vilicanal	.a. D!a	dinial.						
viljoenskro Beef: 2	on, Viljoenskro	Don Diere	кипіек						
seer: 2 Kwazulu-Na	tal								
		orvices							
-	G.Veterinary S	ervices							
Beef: 3	naala Animal	Clinia							
Pongola, Po Beef: 2	ngola Animal	Clinic							
Eastern Cap		Votorinar	v Clinic						
Beef: 2	, Stutterheim	vetermai	y Cillic						
Sporadic									
Western Ca	no								
		l,							
Beef: 3, Dairy	, Dr Otto Krie	K							
	Wellington Di	orobocnit	I						
Beef: 2	weilington Di	erenospic	aaı						
Northern Ca	nno.								
	ipe Kimberley Die	rokliniok							
Beef: 2	Killiberiey Die	CKIIIICK							
Jeel. 2									
Blue tong	jue								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (3)	1.8 (6)		2.0 (1)	2.2 (12)	2.0 (2)	2.0 (4)	2.0 (4)	2.5 (2)
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ıt less than te	en and 3 =	more than 1	0 cases
Beef	1.0 (1)								
Sheep	1.5 (2)	1.8 (6)		2.0 (1)	2.2 (12)	2.0 (2)	2.0 (4)	2.0 (4)	2.5 (2)
Mpumalang Balfour, Bal	a four Diereklin	iek							

Sheep: 1 Ermelo, Môregloed Veterinêre Spreekkamer Sheep: 2 Middelburg , Middelburg Dierehospitaal Beef: 1 Gauteng Bapsfontein, Bapsfontein Dierehospitaal Sheep: 2 **Bronkhorstspruit, Kerkstraat Dierekliniek** Sheep: 2 Hammanskraal, Themba Animal Clinic Sheep: 1 **Muldersdrift, Muldersdrift Animal Hospital Pretoria, Anima Veterinary Consulting Rooms** Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic Sheep: 2 7 cases **North West** Leeudoringstad, Leeudoringstad Dierekliniek Sheep: 2 Two sheep **Free State** Clocolan, Clocolan Dierekliniek Sheep: 3 **Dewetsdorp, Platkop Dierekliniek** Sheep: 2 Harrismith, Harrismith Dierehospitaal Sheep: 2 Hertzogville, Hertzogville Dierekliniek Sheep: 1 Hoopstad, Hoopstad Dierekliniek Sheep: 3 Kroonstad, Kroonstad Dierehospitaal Sheep: 2 Philippolis, Rowelsfontein veearts Spreekkamer Sheep: 1 **Reitz, Riemland Dierehospitaal** Sheep: 2 Senekal, Senekal Dierekliniek Sheep: 3 Viljoenskroon, Viljoenskroon Dierekliniek Wesselsbron, Wesselsbron Dierekliniek Sheep: 2 Winburg, Winburg Dierekliniek Sheep: 3 Kwazulu-Natal **Dundee, Endumeni Herd health Newcastle, Ncanduvet Newcastle** Sheep: 2 **Eastern Cape** Aliwal North, Hertzogbrug Dierekliniek

Sheep: 2											
Cradock, Cr	adock Veterin	ary Clinic									
Sheep: 2											
	d acutely, no les										
	et, Graaff Rei	net Veteri	nary Clinic	!							
Sheep: 3											
	Witelsbos Vete	erinary Co	nsulting R	ooms							
Sheep: 1											
Western Ca											
	est, Beaufort \	West State	e Vet								
Sheep: 2											
On pastures.											
	erberg Veteri	nary Hosp	itai								
Sheep: 2	A!	!!									
	orge Animal H	ospitai									
Sheep: 3	h Ctallanhasa	h Animal	U a a nital								
	h, Stellenboso	n Animai	поѕрітаі								
Sheep: 1 Northern Ca	ano										
	ape Kimberley Die	rokliniok									
Sheep: 2	Killiberiey Die	rekiiiiek									
· · · · · · · · · · · · · · · · · · ·	Jpington Veter	inary Clin	ic								
Sheep: 3	pington veter	mary Cim									
	acent to Orange	river									
Reimoes, adj	accine to orange	TIVE									
Nagana									^		
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape		
Average						2.0 (1)					
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bi	ut less than te	en and 3 =	more than 1	0 cases		
Beef						2.0(1)					
	-4-1					2.0 (1)					
Kwazulu-Na		Clii-									
	ongola Animai	Clinic									
beer. Z	Pongola, Pongola Animal Clinic Beef: 2										
Venerea	l Diseases										
Venerea	l Diseases										
Venerea Trichomo									^		
Trichomo		Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape		
Trichomo	onosis	Gauteng	Limpopo 1.0 (1)	West	State	Natal					
Trichomo PROVINCE Average	onosis Mpumalanga		1.0 (1)	West 2.3 (4)	2.5 (11)	Natal 2.0 (5)	Cape	Cape	Cape		
PROVINCE Average Level of impositions	Mpumalanga 2.7 (3)		1.0 (1)	West 2.3 (4) than one	2.5 (11) e case bu	Natal 2.0 (5)	Cape	Cape	Cape		

Dairy 1.0 (1)

Mpumalanga

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 3 Many cases

Middelburg, Middelburg Dierehospitaal

Beef: 3

Standerton, Econovet

Beef: 2 **Limpopo**

Mokopane, Dr Henk Visser

Beef: 1
North West

Brits, Brits Dierekliniek

Dairy: 1

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 3

Stella, Stella Dierekliniek

Beef: 3

Vryburg, Molopo Dierespreekkamer

Beef: 2 Free State

Clocolan, Clocolan Dierekliniek

Beef: 1

Harrismith, Harrismith Dierehospitaal

Beef: 3

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 3

Ladybrand, Ladybrand

Beef: 2

Memel, Memel Veterinary Clinic

Beef: 2

Parys, Parys Dierehospitaal

Beef: 3

Reitz, Riemland Dierehospitaal

Beef: 2

Senekal, Senekal Dierekliniek

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 3

Winburg, Winburg Dierekliniek

Beef: 3

Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 3

Howick, Howick Veterinary Clinic

Beef: 2

Kokstad, E.G.Veterinary Services

Beef: 2

Mooi River, Mooirivier Vet Clinic

Beef: 2

Severe impact: less than 50% of cows in 2 large beef herds in calf. Subsequent testing of bulls revealed that they were *Tritrichomonas* positive.

Newcastle, Beef: 1	Ncanduvet Ne	wcastle							
Vibriosis									^
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 (1)	1.7 (3)	1.0 (1)	1.5 (2)	2.0 (2)	
Level of impore	ortance scale: 1	= one case					en and 3 = 1	more than 1	0 cases
Beef	1.0 (1)		1.0 (2)	2.0 (1)	1.7 (3)	1.0 (1)	1.0 (1)	2.0 (1)	
Dairy							2.0(1)	2.0(1)	
Mpumalang	ıa .								
	, Middelburg I	Dierehosp	itaal						
Beef: 1	, <u></u>								
Limpopo									
	louberg Diere	kliniek							
Beef: 1									
	Dr Henk Visse	r							
Beef: 1									
North West									
Beef: 2	olopo Dierespr	ееккате							
Free State									
	ocolan Dierek	liniek							
Beef: 1	ocolali Dielek	iiiick							
	Kroonstad Die	rehospita	al						
Beef: 2		. ссор							
Winburg, W	inburg Dierek	liniek							
Beef: 2									
Kwazulu-Na	atal								
	Mooirivier Vet	Clinic							
Beef: 1									
Eastern Cap									
	p, Humansdor	p Veterina	ary Clinic						
Beef: 1									
	y, Cape Cross \	veterinary	Hospital						
Dairy: 2 Western Ca	no								
	pe y, Malmesbury	Dierehos	nitaal						
Beef: 2, Dairy		Dicicios	pitaai						
Pizzle dis									_
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

reported			,						
Sheep								2.0 (1)	
Western Ca	pe								
	est, Beaufort V	Vest State	e Vet						
Sheep: 2	•								
Newly introdu	uced								
Bacteria	l Disease (other)							
Blackqua	rter								^
					_				
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)		3.0 (1)	2.0 (3)	2.3 (4)	2.0 (3)		1.0 (1)	2.0 (1)
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases
Beef	2.0 (1)		3.0 (1)	2.0 (3)	2.3 (4)	2.0 (2)		1.0 (1)	2.0 (1)
Dairy				•		2.0 (1)			
Mpumalang	13					2.0 (1)			
	irootvlei Diere	kliniek							
Beef: 2	nootvici Dicie	KIIIICK							
Limpopo									
	Pietersburg V	eterinary	Clinic						
Beef: 3									
North West									
Klerksdorp,	Klerksdorp Di	erehospit	aal						
Beef: 2									
	stad, Leeudori	ngstad Di	erekliniek						
Beef: 3									
	p, Ventersdorp	Diereklin	iek						
Beef: 1									
Free State	u		-						
Beef: 3	Harrismith Die	erenospita	aaı						
	Kroonstad Die	robocnita	al						
Beef: 2	Kiooiistau Die	тепоэрна	aı						
	land Dierehos	nitaal							
Beef: 2	idila Dicicilos	pituui							
	nekal Dierekli	niek							
Beef: 2									
Kwazulu-Na	atal								
	wick Veterinar	y Clinic							
Dairy: 2									
	Mooirivier Vet	Clinic							
Beef: 2									
	yheid Privaat \	/eeartse							
Beef: 2									

Western Ca	ре								
Malmesbury	, Groenkloof I	Diereklini	ek						
Beef: 1									
Two year old	bull								
Northern Ca									
	Karoo Veterina	ary Hospit	al						
Beef: 2									
Weaner calve	ıs								
Botulism	_								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average			1.0 (1)		2.0 (1)			1.0 (1)	2.0 (1)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one		ut less than to	en and 3 =	more than 1	0 cases
Beef			1.0 (1)		2.0 (1)			_	
Sheep								1.0(1)	2.0(1)
Limpopo									
	Pietersburg V	otorinary	Clinic						
Beef: 1	rietersburg v	etermar y	Cillic						
Free State									
	loopstad Diere	kliniak							
Beef: 2	ioopstau Diere	SKIIIICK							
Western Ca	ne								
Oudtshoorn									
Sheep: 1	, Ostrinieu								
Northern Ca	nno.								
	•	klimiak							
	uruman Diere	Kiiniek							
Sheep: 2									
Pulpy Kid	ney								4
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	2.0 (3)	2.0 (1)		1.8 (5)	1.0 (1)			
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases
Sheep	2.0 (1)	2.0 (2)	2.0 (1)		1.8 (5)	1.0(1)			
Goat		2.0(1)							
Mpumalang	а								
Standerton,									
Sheep: 2									
Gauteng									
Junicing									

Bapsfontein	ı, Bapsfontein	Dierehosi	pitaal						
Sheep: 1	.,		p - 400 01						
	raal Thomba	Animal Cli	nic						
	raal, Themba A	Allilliai Cii	IIIC						
Sheep: 3, Go	dl: Z								
Limpopo	D'								
	Pietersburg V	eterinary	Clinic						
Sheep: 2									
Free State									
	Harrismith Di	erehospita	aal						
Sheep: 1									
Ladybrand,	Ladybrand								
Sheep: 3									
Reitz, Riem	land Dierehos	pitaal							
Sheep: 2									
Viljoenskro	on, Viljoenskro	oon Diere	kliniek						
Sheep: 2									
Wesselsbro	n, Wesselsbro	n Dierekli	niek						
Sheep: 1									
Kwazulu-Na	atal								
Dundee, En	dumeni Herd l	nealth							
Sheep: 1									
Lamb dys	sentry								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					3.0 (1)				
Level of impore	ortance scale: 1	= one case	e, 2 = more	than on	e case b	ut less than te	en and 3 =	more than 1	0 cases
Sheep					3.0 (1)				
Free State									
Harrismith,	Harrismith Die	erehospita	aal						
Sheep: 3		-							
	nead diseas	е							^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	1.5 (2)	1.0 (1)		1.5 (2)	1.0 (1)			
Level of impore	ortance scale: 1	= one case	e, 2 = more	than on	e case b	ut less than te	en and 3 =	more than 1	0 cases
Beef	2.0 (1)	2.0 (1)	1.0 (1)		1.5 (2)	1.0 (1)			
Sheep Mpumalang		1.0 (1)							

Grootvlei, G	irootvlei Diere	kliniek							
Beef: 2									
Gauteng									
Bronkhorsts	spruit, Kerkstr	aat Diere	kliniek						
Beef: 2, Shee	ep: 1								
Limpopo									
Mokopane,	Dr Henk Visse	r							
Beef: 1									
Free State									
	s Dierehospita	al							
Beef: 2									
Clostridium n									
	shoek Dierepr	aktyk							
Beef: 1	_								
Kwazulu-Na									
	Ncanduvet Ne	wcastle							
Beef: 1									
Clostridium n	ovyi								
Red gut ((cattle)								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
					1.3				
Average		2.0 (1)		1.0 (1)	(4)	1.0 (3)	1.3 (3)		
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bi	ut less than te	en and 3 =	more than 1	0 cases
Beef		2.0 (1)		1.0 (1)	1.3 (4)	1.0 (2)	1.0 (1)		
Dairy						1.0(1)	1.5 (2)		
						1.0 (1)	1.0 (=)		
Gauteng Panefontoir	n, Bapsfontein	Diorobos	nitaal						
Beef: 2	i, bapsiontem	Diciellos	pitaai						
North West									
	Christiana Die	rehosnita	al						
Beef: 1		. ccop.ica							
Free State									
	Harrismith Di	erehospita	aal						
Beef: 2									
Ladybrand,	Ladybrand								
Beef: 1	•								
	land Dierehos	pitaal							
Beef: 1									
Vrede, Saul	shoek Dierepr	aktyk							
Beef: 1	•								
Kwazulu-Na	atal								
Dundee, En	dumeni Herd l	nealth							
Dairy: 1									
Mooi River,	Mooirivier Vet	Clinic							
Beef: 1									
Vryheid, Vr	yheid Privaat \	/eeartse							

leafreys Bay, Cape Cross Veterinary Hospital Jainey: 2 Jiftenhage, Uitenhage Dierehospitaal Jainey: 2 Jiftenhage, Uitenhage Gauteng Limpopo Jiftenhage Cape Jiftenhage, Uitenhage Dierehospitaal Jainey: 2 Jiftenhage Cape Jiftenhage, Uitenhage Gauteng Limpopo Jiftenhage Cape Jiftenhage, Uitenhage Dierehospitaal Jainey: 2 Jiftenhage Cape Jiftenhage Veterinary Holipitaal Jainey Cape Jiftenhage Cape Jiftenhage Veterinary Clinic Jiftenhage Cape Jiftenhage Cape Jiftenhage Veterinary Clinic Jiftenhage Cape Jiftenhage Cape Jiftenhage Veterinary Clinic Jiftenhage Cape	Beef: 1													
Daily: 1 Deferreys Bay, Cape Cross Veterinary Hospital Dairy: 2 Ditenhage, Ultenhage Dierehospitaal Deser: 1 Discontinued in process of the p	Eastern Cap	e												
leffreys Bay, Cape Cross Veterinary Hospital Jains; 2 Iltenhage, Uitenhage Dierehospitaal Jains; 2 Average Iltenpopo North State State State Jains; 3 Iltenpopo Jains; 2 Il			atteland S	preekkam	er									
Differentiage, Uitenhage Dierehospitaal Seef: 1 Blood gut (Sheep) PROVINCE Mpumalanga Gauteng Limpopo West State	Dairy: 1													
Seef 1	Jeffreys Bay, Cape Cross Veterinary Hospital													
Blood gut (Sheep) PROVINCE Mpumalanga Gauteng Limpopo West State State Reported Average Sheep 3.0 (1) 1.0 (1) Evel of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported Sheep 3.0 (1) 1.0 (1) Free State Harrismith, Harrismith Dierehospitaal Rheep: 3 Covazulu-Natal Mooi River, Mooirivier Vet Clinic Rheep: 1 Tetanus PROVINCE Mpumalanga Gauteng Limpopo West State Rhant Rhant Ratal Ratal Rhoot River, Mooirivier Vet Clinic Rheep: 1 Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported Average 1.0 (1) 1.0 (1) 1.3 (4) 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 3.0 (1) 1.0 (1) 1.0 (1) 1.0 (2) 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 3.0 (1) 1.0 (1	Dairy: 2													
Blood gut (Sheep) PROVINCE Mpumalanga Gauteng Limpopo West State State Natal Cape 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 Sheep Gree State Harrismith, Harrismith Dierehospitaal Sheep: 3 Civazulu-Natal Modol River, Mooirivier Vet Clinic Sheep: 1 Tetanus PROVINCE Mpumalanga Gauteng Limpopo West State State State Harrismith State Sta		Uitenhage Die	rehospita	al										
Average Limpopo North West State State Natal Cape Cape Northern Cape Cape Cape	Beef: 1													
Average State Natal Cape Cape Cape	Blood gut	t (Sheep)												
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported 3.0 (1) 1.0 (1) Free State Harrismith, Harrismith Dierehospitaal Sheep: 3 Wazulu-Natal Mooi River, Mooirivier Vet Clinic Sheep: 1 Tetanus 1.0 (1) 1.0 (1) 1.3 (4) 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 1.0 (1) 1.0 (1) 1.3 (4) 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 3.0 (1) 1.0 (1)	PROVINCE	Mpumalanga	Gauteng	Limpopo										
Sheep 3.0 (1) 1.0 (1) Free State Harrismith, Harrismith Dierehospitaal Sheep: 3 Kwazulu-Natal Mooi River, Mooirivier Vet Clinic Sheep: 1 Tetanus PROVINCE Mpumalanga Gauteng Limpopo North West State Natal Cape Cape Cape 1.0 (1) 1.0 (1) 1.3 (4) 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 3.0 (1) 1.0 (1)	Average						1.0 (1)							
Free State Harrismith, Harrismith Dierehospitaal Scheep: 3 Kwazulu-Natal Mooi River, Mooirivier Vet Clinic Scheep: 1 Tetanus PROVINCE Mpumalanga Gauteng Limpopo West State State Natal Average 1.0 (1) 1.0 (1) 1.3 (4) 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 1.0 (1) 1.0	Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases				
Average 1.0 (1) 1.0	Sheep						1.0 (1)							
Scheep: 3 Kwazulu-Natal Mooi River, Mooirivier Vet Clinic Scheep: 1 Tetanus PROVINCE Mpumalanga Gauteng Limpopo West State State Natal Eastern Cape Cape 1.0 (1) 1.0 (1) 1.3 (4) 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 Scheep 1.0 (1)	Free State													
Mooi River, Mooirivier Vet Clinic Sheep: 1 Tetanus PROVINCE Mpumalanga Gauteng Limpopo North West State Natal Eastern Cape Cape 1.0 (1) 1.0 (1) 1.3 (4) 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 1.0 (1) 1.0	Harrismith,	Harrismith Die	erehospita	aal										
Mooi River, Mooirivier Vet Clinic Sheep: 1 Tetanus PROVINCE Mpumalanga Gauteng Limpopo West State Natal Eastern Cape Northern Cape 1.0 (1) 1.0 (1) 1.3 (4) 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 1.0 (1) 1.0 (1) 1.0 (1) 1.0 (1) Sheep 1.0 (1) 1.0 (1) 1.0 (1) Goat 1.0 (1) 2.0 (1) Joint Divinipopo Polokwane, Pietersburg Veterinary Clinic Sheep: 1 North West Veterinary Clinic Sheep: 1 North West Veterinary Molopo Dierespreekkamer Seef: 1 Free State	Sheep: 3													
Tetanus PROVINCE Mpumalanga Gauteng Limpopo North State Kwazulu- Eastern Cape Cape 1.0 (1) 1.0 (1) 1.3 (4) 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 3.0 (1) 1														
PROVINCE Mpumalanga Gauteng Limpopo West State Kwazulu-Ratel Cape Cape Cape Cape 1.0 (1) 1.0 (1) 1.3 (4) 1.0 (2) 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 1.0 (1) 1.0		Mooirivier Vet	Clinic											
PROVINCE Mpumalanga Gauteng Limpopo North West State Kwazulu- Natal Eastern Cape Northern Cape 1.0 (1) 1.0 (1) 1.3 (4) 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 1.0 (1) 1.0 (1) 1.0 (1) Sheep 1.0 (1) 1.0 (1) 2.0 (1) Goat 1.0 (1) 2.0 (1) Limpopo Polokwane, Pietersburg Veterinary Clinic Sheep: 1 North West //ryburg, Molopo Dierespreekkamer Seef: 1 Free State	Sneep: 1													
Average 1.0 (1) 1.0 (1) 1.0 (1) 1.0 (1) 1.0 (2) 2.0 (2) 1.0 (2) 1.0 (2) 1.0 (2) 1.0 (2) 1.0 (2) 1.0 (2) 1.0 (2) 1.0 (2) 1.0 (3) 1.0 (4) 1.0 (5) 1.0 (1)	Tetanus													
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported 1.0 (1)	PROVINCE	Mpumalanga	Gauteng	Limpopo										
1.0 (1) 1.0	Average			1.0 (1)	1.0 (1)			1.0 (2)		2.0 (2)				
Sheep 1.0 (1) 1.3 (3) 1.0 (1) 2.0 (1) Soat 1.0 (1) 2.0 (1) 2.0 (1) 2.0 (1) 2.0 (1) 3.0 (1)	Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases				
Goat Cimpopo Polokwane, Pietersburg Veterinary Clinic Cheep: 1 North West Vryburg, Molopo Dierespreekkamer Beef: 1 Free State	Beef				1.0 (1)									
Limpopo Polokwane, Pietersburg Veterinary Clinic Sheep: 1 North West Vryburg, Molopo Dierespreekkamer Beef: 1 Free State	Sheep			1.0 (1)				1.0 (1)		2.0 (1)				
Limpopo Polokwane, Pietersburg Veterinary Clinic Sheep: 1 North West Vryburg, Molopo Dierespreekkamer Beef: 1 Free State	Goat							1.0(1)		2.0 (1)				
Polokwane, Pietersburg Veterinary Clinic Sheep: 1 North West Vryburg, Molopo Dierespreekkamer Seef: 1 Free State	Limpopo								<u> </u>					
Sheep: 1 North West /ryburg, Molopo Dierespreekkamer Seef: 1 Free State		Pietersburg V	eterinary	Clinic										
North West /ryburg, Molopo Dierespreekkamer Beef: 1 Free State	Sheep: 1	J												
Reef: 1 Free State	North West													
ree State		olopo Dierespr	eekkameı	r										
	Beef: 1													
larrismith, Harrismith Dierehospitaal														
	Free State													

Beef: 1, Shee	•								
	e, Hertzogville	Diereklin	iek						
Sheep: 1									
Reitz, Riem	land Dierehos _l	pitaal							
Sheep: 1									
Eastern Cap	e								
Graaff-Rein	et, Camdeboo	Veterina	y Clinic						
Goat: 1	·		-						
Uitenhage,	Uitenhage Die	rehospita	al						
Sheep: 1									
Northern Ca	ane								
	uruman Diere	kliniek							
Sheep: 2, Go		KIIIICK							
энсер. 2, doi	at. Z								
Brucella a	abortus								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (4)		1.7 (3)	2.0 (4)	2.0 (9)	2.0 (1)			
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bi	ut less than te	en and 3 =	more than 1	0 cases
Beef	1.3 (3)		1.7 (3)	2.0 (4)	2.0 (9)	2.0 (1)			
Dairy	2.0(1)								
Mpumalang	а								
	nal Diereklinie	k							
Dairy: 2									
	regloed Veteri	nêre Spre	ekkamer						
Beef: 2	regioca veceii	nere opre	Cititanici						
	rootvlei Diere	kliniak							
Beef: 1	nootvier biere	KIIIICK							
	, Middelburg I	Nierobeen	itaal						
	, Middelburg I	olei eliosp	ıtaaı						
Beef: 1									
Limpopo	lasskass D's '	-							
	louberg Diere	кипіек							
Beef: 2									
Six cases									
	Dr Henk Visse	r							
Beef: 1									
	Pietersburg V	eterinary	Clinic						
Beef: 2									
North West									
	Bloemhof Diere	ekliniek							
Beef: 2									
Christiana, (Christiana Die	rehospita	al						
Beef: 1									
	a Dierekliniek								
Beef: 3									
	olopo Dierespr	eekkame	*						
Beef: 2	- F 10. 00 P1								
JCC11 Z									

Free State									
Bethlehem,	Freestate Bet	hlehem S	V						
Beef: 2									
Every month	new cases								
Gariepdam,	Gariep Dierek	diniek							
Beef: 1									
One Bonsman	ra cow out of 48	animals te	ested that w	as bough	it at an a	auction in Cole	esberg		
Harrismith,	Harrismith Di	erehospit	aal						
Beef: 2									
Hertzogville	e, Hertzogville	Diereklin	iek						
Beef: 2									
Hoopstad, I	Hoopstad Diere	ekliniek							
Beef: 3									
Ladybrand,	Ladybrand								
Beef: 2									
Villiers, Wil	gepoort Dierel	kliniek Ve	nnootskap						
Beef: 3									
	n, Wesselsbro	n Dierekli	niek						
Beef: 1									
	inburg Dierek/	liniek							
Beef: 2									
Kwazulu-Na									
	vn, Camperdov	vn Vet Cli	nic						
Beef: 2									
Brucella	ovis								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				1.5 (4)			1.0 (1)	2.0 (2)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Sheep	1.0 (1)				1.5 (4)			1.0 (1)	3.0 (1)
Goat									1.0 (1)
Mpumalang	ja								
	Grootvlei Diere	kliniek							
Sheep: 1									
Free State									
Dewetsdorp	p, Platkop Dier	ekliniek							
Sheep: 2									
	Gariep Dierek	diniek							
Sheep: 2									
	bought in Burg	ersdorp are	ea.						
Philippolis,	Rowelsfonteir	veearts :	Spreekkan	ner					
Sheep: 1									
Smithfield,	Dr Nienke van	Hasselt S	71/						
Chaoni 1		···abbeit c	V						
Sheep: 1		TIUSSCIE C	ov						
One outbreal		Trasser :	o V						

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 1

Farmer vaccinates his own young rams and handles vaccine bought at co-op by himself. Two new rams with unknown vaccination status had lumps and showed high titers. More than 50% of his own rams showed neutrophiles and positive titres. Question arises on efficacy of vaccine?

Northern Cape

Kuruman, Kuruman Dierekliniek

Goat: 1

Upington, Upington Veterinary Clinic

Sheep: 3

When herd is tested for first tinme

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

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

Sheep 1.0 (1) 1.0 (1)

Eastern Cape

Aliwal North, Hertzogbrug Dierekliniek

Sheep: 1

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 1

E. coli									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (4)		1.0 (1)	2.4 (7)	2.7 (13)	2.0 (4)	2.0 (1)	3.0 (1)	3.0 (2)

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

Sheep	2.0 (1)	2.3 (3)	2.6 (9)	1.0 (2)			3.0 (2)
Dairy	2.0 (1)	3.0 (1)	(1)	3.0 (2)	2.0 (1)	3.0 (1)	
Beef	2.0 (2)	2.3 (3)	(3)				

Mpumalanga

Ermelo, Môregloed Veterinêre Spreekkamer

Dairy: 2 Dairy calves

Nelspruit, Nelspruit Animal Hospital

Beef: 2 Standerton, Econovet Beef: 2, Sheep: 2 Limpopo **Polokwane, Pietersburg Veterinary Clinic** Goat: 1 **North West Brits, Brits Dierekliniek** Dairy: 3 Christiana, Christiana Dierehospitaal Sheep: 1 Klerksdorp, Klerksdorp Dierehospitaal Beef: 3, Sheep: 3 Leeudoringstad, Leeudoringstad Dierekliniek Beef: 3, Sheep: 3 Ventersdorp, Ventersdorp Dierekliniek Beef: 1 **Free State** Clocolan, Clocolan Dierekliniek Beef: 3, Dairy: 3, Sheep: 3 **Dewetsdorp, Platkop Dierekliniek** Sheep: 1 Harrismith, Harrismith Dierehospitaal Hoopstad, Hoopstad Dierekliniek Sheep: 3 Kroonstad, Kroonstad Dierehospitaal Sheep: 2 Ladybrand, Ladybrand Sheep: 3 **Reitz, Riemland Dierehospitaal** Sheep: 3 Viljoenskroon, Viljoenskroon Dierekliniek Villiers, Wilgepoort Dierekliniek Vennootskap Sheep: 3 Winburg, Winburg Dierekliniek Beef: 3, Sheep: 3 Kwazulu-Natal **Howick, Howick Veterinary Clinic** Dairy: 3 **Mooi River, Mooirivier Vet Clinic** Sheep: 1 Pietermaritzburg, Richmond Veterinary Clinic **Underberg, Underberg Veterinary Surgery** Dairy: 3 **Eastern Cape Jeffreys Bay, Cape Cross Veterinary Hospital** Dairy: 2 **Western Cape** Caledon, Overberg Veterinary Hospital Dairy: 3 **Northern Cape** Calvinia, Calvinia Veeartskliniek

Sheep: 3									
E. coli septica	aemia								
	Kimberley Die	rekliniek							
Sheep: 3		- Cikiiiii Cik							
опесрт 5									
Enzootic	Abortion								^
							ll en		
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (2)	2.0 (1)	1.0 (1)		2.0 (1)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases
Sheep					2.0 (2)	2.0 (1)	1.0 (1)		2.0 (1)
Free State									
Ladybrand,	Ladybrand								
Sheep: 2									
Senekal, Se	nekal Dierekli	niek							
Sheep: 2									
Kwazulu-Na	atal								
	ugela Vet Clini	С							
Sheep: 2									
Eastern Cap	oe e								
Humansdor	p, Humansdor	p Veterina	ary Clinic						
Sheep: 1									
Chlamydia pe									
Northern Ca									
	rg, Postmasbu	rg Dierekl	iniek						
Sheep: 2									
Dermato	philosis (Lu	mpy Wo	ol)						_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)		2.0 (1)			2.3 (3)		
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases
Sheep		1.0 (1)		2.0 (1)			2.3 (3)		
Goat		1.0 (1)							_
Gauteng									
Hammansk	raal, Themba <i>l</i>	Animal Cli	nic						
Goat: 1									
North West									
Leeudoring	stad, Leeudori	ngstad Di	erekliniek						
Sheep: 2									
Eastern Cap	е								
Aliwal Nort	h, Hertzogbrug	Diereklii	niek						

Sheep: 2													
Cradock, Cra	adock Veterin	ary Clinic											
Sheep: 2													
	s seen on legs a (EC), Steynsb		hosnitaal										
Sheep: 3													
	ntrauterine Gangrene												
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape				
Average									2.0 (1)				
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases				
Goat									2.0(1)				
Northern Ca	ipe												
Kuruman, K	uruman Diere	kliniek											
Goat: 2													
Bovine Do	ermatophilo	sis (Ser	ıkobo di	sease)					^				
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape				
Average				1.0 (1)		1.0 (1)	3.0 (1)						
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases				
Beef				1.0(1)	•	1.0(1)	3.0 (1)						
North West						()							
	stad, Leeudori	ngstad Di	erekliniek										
Beef: 1 Kwazulu-Na	ıtal												
	Mtubatuba Ar	nimal Clin	ic										
Beef: 1													
Eastern Cap		ura Diorol	hospitaal										
Beef: 3	(EC), Steynsb	urg Diere	поѕрісааі										
Fusibacte	erium necro	phorum							_				
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape				
Average					2.0 (3)			1.5 (2)					
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases				
Beef					2.0								
Jeel					$\angle . \cup$								

					(1)				
					2.0				
Dairy								1.5 (2)	
					(1)				
Sheep					2.0				
Free State					(1)				
	nekal Dierekli	niak							
	y: 2, Sheep: 2	IIICK							
Western Ca									
	Riversdal Dier	ekliniek							
Dairy: 2									
	h, Stellenbosc	h Animal	Hospital						
Dairy: 1	,	-							
Protozoa	al diseases	(other))						
Coccidios	sis								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.2 (6)	2.0 (2)	1.5 (2)		2.3 (6)	1.0 (1)	1.9 (7)	1.0 (1)	2.0 (1)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than on	e case b	ut less than to	en and 3 =	more than 1	0 cases
Beef	2.0 (1)				2.0 (1)	1.0 (1)			2.0 (1)
Dairy								1.0(1)	
Sheep	2.3 (3)	2.0 (2)	1.5 (2)		2.4 (5)		2.0 (4)		
Goat	2.0 (2)				(-)		1.7 (3)		
Mpumalang	. , ,								
	Lydenburg Di	erespreek	kamer						
Beef: 2	_,	о. сор. со							
	, Middelburg I	Dierehosp	itaal						
Sheep: 3	,								
	lelspruit Anim	al Hospita	ıl						
Goat: 2	•	•							
Piet Retief,	Pets Vet Hosp	ital							
Goat: 2									
Standerton,	Econovet								
Sheep: 2									
	Cape Cross Vol	ksrust Die	erehospita	al					
Sheep: 2									
Gauteng									
	elegen Dierek	liniek							
Sheep: 3									
Sheep lambs			-						
	ima Veterinar	y Consult	ing Rooms	3					
Sheen: 1									

Sheep: 1

Limpopo									
	laukawa Diawal	leliminte							
	louberg Diere	Kiiniek							
Sheep: 2	Pietersburg V	otorinary	Clinic						
Sheep: 1	rietersburg v	etermai y	Cillic						
Free State									
	Harriamith Di	arabaanit:	l						
Beef: 2, Shee	Harrismith Die	erenospita	aaı						
	Kroonstad Die	rehosnita	al						
Sheep: 2	Ki oonstaa Die	Cilospica	u.						
•	land Dierehos	nitaal							
Sheep: 2		pricuu.							
	gepoort Dierel	diniek Ve	nnootskan						
Sheep: 3	у-р								
•	shoek Dierepra	aktvk							
Sheep: 2									
Kwazulu-Na	ntal								
Camperdow	n, Camperdov	vn Vet Cli	nic						
Beef: 1	· ·								
Eastern Cap	e								
	r Jane Pistoriu	ıs							
Goat: 1									
Graaff-Rein	et, Camdeboo	Veterinar	y Clinic						
Sheep: 1, Go	at: 2								
Graaff-Rein	et, Graaff Reir	net Veteri	nary Clinic	:					
Sheep: 2, Go									
Middelburg	(EC), Steynsb	urg Diere	hospitaal						
Sheep: 3									
Witelsbos, \	Witelsbos Vete	erinary Co	nsulting R	ooms					
Sheep: 2									
Western Ca									
	(WC), Heidelb	erg Dierel	kliniek						
Dairy: 1									
Northern Ca	-								
	uruman Diere	kliniek							
Beef: 2									
Cryptosp	oridium								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
					3.0				
Average	3.0 (2)			3.0 (1)	(6)	1.8 (4)		2.0 (1)	3.0 (1)
Level of impo	ortance scale: 1	= one case	2 = more	than one	e case hi	ıt less than te	en and 3 =	more than 1	n cases
reported	ortanice scale: 1	one case	2, 2 111010	chan one		at 1655 than to	an unu 5	more than 1	o cases
Beef	3.0 (1)				3.0 (1)	2.0 (1)			
Dairy					3.0 (1)	1.5 (2)		2.0 (1)	
Sheep	3.0 (1)				3.0 (4)	2.0 (1)			3.0 (1)

Goat				3.0(1)						
Mpumalang	ja									
Middelburg	, Middelburg I	Dierehosp	itaal							
Beef: 3, Shee	•									
North West			_							
	Buffeldoorn D	Dierehospi	taal							
Goat: 3	aiting for confir	mation								
Free State	raiting for confin	IIIauoII								
	locolan Dierek	liniek								
	y: 3, Sheep: 3									
	Harrismith Di	erehospita	aal							
Sheep: 3										
Ladybrand,	Ladybrand									
Sheep: 3										
	gepoort Dierel	kliniek Ve	nnootskap	<u> </u>						
Sheep: 3 Kwazulu-Na	atal									
	atai wick Veterinai	ry Clinic								
Beef: 2, Dair		y Cillic								
	Mooirivier Vet	t Clinic								
Dairy: 1, She										
Western Ca	•									
Malmesbur	y, Bergzight Di	ierehospit	aal							
Dairy: 2										
Northern Ca	-									
	Kimberley Die	rekliniek								
Sheep: 3										
Fungal d	liseases									
Ringwori	n								^	
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	
Average	1.3 (3)	1.0 (1)	2.0 (1)	1.5 (2)	2.5 (2)	3.0 (2)	2.0 (1)	2.0 (1)		
Level of impreported	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)			2.0 (1)	2.5 (2)	3.0 (2)	2.0 (1)			

2.0 (1)

М	n	П	m	al	а	n	a	а

Bethal, Bethal Dierekliniek Beef: 1

Dairy

Sheep

Goat

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Middelburg , Middelburg Dierehospitaal

1.0 (1) 2.0 (1)

1.0(1)

Beef: 1

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1 Limpopo

Makhado, Blouberg Dierekliniek

Sheep: 2
North West

Brits, Brits Dierekliniek

Beef: 2

Klerksdorp, Klerksdorp Dierehospitaal

Goat: 1
Free State

Harrismith, Harrismith Dierehospitaal

Beef: 2

Trompsburg, Dr. Wyn Irwin

Beef: 3 Young animals

Kwazulu-Natal

Pietermaritzburg, Richmond Veterinary Clinic

Beef: 3

Underberg, Underberg Veterinary Surgery

Beef: 3
Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Beef: 2

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Dairy: 2

Viral Diseases (other)

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

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

Beef	2.0 (3)	2.0 (1)	1.7 (3)	2.0 (3)	2.0 (1)	2.0(1)
					(1)	

Mpumalanga

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 2

Two farms (3 and 2 cattle)

Lydenburg, Lydenburg Dierespreekkamer

Beef: 2

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 2

Samples send to Onderstepoort Veterinary Institute, Wildebeest associated snotsiekte, 2 cows died

Gauteng

eef: 2		aat Dierel	kliniek						
	pruit, Kerkstr	aut Dici C	CK						
шроро									
lokonane [Dr Henk Visse	r							
eef: 3	JI HEHR VISSE	•							
	Pietersburg V	eterinary	Clinic						
eef: 1	ricteropary v	ccci iiiai y	Cimic						
	/aalwater Die	respreekk	ramer						
eef: 1	, 441, 174, 161	. cop. com							
lorth West									
(lerksdorp,	Klerksdorp Di	erehospit	aal						
eef: 2									
entersdorp	, Ventersdorp	Diereklin	niek						
eef: 2									
ryburg, Mo	lopo Dierespr	eekkame	r						
seef: 2									
ree State									
larrismith, I	Harrismith Die	erehospita	aal						
eef: 2									
wazulu-Na	tal								
lowick, Hov	wick Veterinar	y Clinic							
eef: 2									
Rabies									_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average				2.0 (1)					
evel of imporeported	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases
eef				2.0(1))				
lorth West									
	lopo Dierespr	eekkame	r						
eef: 2	оро в погоор.		.						
BVD (Bov	ine viral dia	arrhoea))						_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)			1.0 (1)	
	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases
evel of impo eported					1.0				
					1.0 (1)			1.0 (1)	
reported								1.0 (1)	
eported Geef Tree State	Harrismith Die	erehospita	aal					1.0 (1)	
eported Geef Tree State	Harrismith Die	erehospita	aal					1.0 (1)	

Stellenboscl Beef: 1	h, Stellenbosc	h Animal	Hospital							
	ns old tollies died oonse on treatm		on tongue,	buccal n	nucosa a	nd entire leng	th of oesop	hagus. Sick	for 3 - 4	
IBR (Infe	ctious bovi	ne rhino	tracheit	is)					^	
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	
Average		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										
Beef		1.0(1)				2.5 (2)				
Gauteng										
Bronkhorsts	spruit, Kerkstr	aat Diere	kliniek							
Beef: 1										
Kwazulu-Na Borovillo, Tu	ital ugela Vet Clini	ic								
Bergville, 11 Beef: 3	ugeia vet Ciifii	C								
	G.Veterinary S	ervices								
Beef: 2										
BRSV (Bo	ovine respira	atory sy	ncytial v	irus)					_	
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	
Average								1.0(1)		
Level of impore	ortance scale: 1	= one case	e, 2 = more	than on	e case bı	ut less than te	en and 3 =	more than 1	0 cases	
Dairy								1.0(1)		
Western Ca	pe								<u>.</u>	
	h, Stellenbosc	h Animal	Hospital							
Dairy: 1										
Enzootic	Bovine Leuc	cosis (El	3L)						_	
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	
		Gauteng	Limpopo							
Average Level of impo				West	State	Natal 2.0 (1)	1.0 (1)	Cape 2.0 (1)	Саре	
Average Level of imporeported	Mpumalanga			West	State	Natal 2.0 (1)	1.0 (1) en and 3 =	Cape 2.0 (1)	Саре	
Average Level of impore reported Beef	Mpumalanga			West	State	2.0 (1) ut less than to	1.0 (1)	2.0 (1) more than 1	Саре	
Average Level of impore reported Beef Dairy	Mpumalanga ortance scale: 1			West	State	Natal 2.0 (1)	1.0 (1) en and 3 =	Cape 2.0 (1)	Саре	
Average Level of imporeported Beef Dairy Kwazulu-Na	Mpumalanga ortance scale: 1	= one case	e, 2 = more	West	State	2.0 (1) ut less than to	1.0 (1) en and 3 =	2.0 (1) more than 1	Саре	

Eastern	Cape
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Humansdorp, Humansdorp Veterinary Clinic

Beef: 1

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Dairy: 2

Orf	Orf									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	
Average	2.0 (2)	1.5 (2)	2.5 (2)	2.3 (3)	1.8 (8)	2.4 (5)	1.0 (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

Sheep	2.0 (1)	1.5 (2)	3.0 (1)	3.0 (1)	1.8 (8)	2.7 (3)	1.0 (1)	2.0 (2)
Goat	2.0 (1)		2.0 (1)	2.0(2)		2.0 (2)	1.0(1)	2.5 (2)

Mpumalanga

Middelburg, Middelburg Dierehospitaal

Sheep: 2

Nelspruit, Nelspruit Animal Hospital

Goat: 2

Gauteng

Bronkhorstspruit, Kerkstraat Dierekliniek

Sheep: 1

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2 Limpopo

Makhado, Blouberg Dierekliniek

Sheep: 3

Polokwane, Pietersburg Veterinary Clinic

Goat: 2
North West

Christiana, Christiana Dierehospitaal

Sheep: 3, Goat: 3

Vryburg, Molopo Dierespreekkamer

Goat: 1
Free State

Bethlehem, Freestate Bethlehem SV

Sheep: 1

Clocolan, Clocolan Dierekliniek

Sheep: 1

Dewetsdorp, Platkop Dierekliniek

Sheep: 3

Harrismith, Harrismith Dierehospitaal

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

Ladybrand, Ladybrand

Sheep: 1

Reitz, Riemland Dierehospitaal

Sheep: 1

Kwazulu-Natal

Camperdown, Camperdown Vet Clinic

Sheep: 2

Mtubatuba, Mtubatuba Animal Clinic

Goat: 1

Underberg, Underberg Veterinary Surgery

Sheep: 3

Vryheid, Vryheid Privaat Veeartse

Sheep: 3, Goat: 3
Eastern Cape

Aliwal North, Hertzogbrug Dierekliniek

Sheep: 1

Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 1

Northern Cape

Colesberg, Karoo Veterinary Hospital

Sheep: 2

Kuruman, Kuruman Dierekliniek

Sheep: 2, Goat: 2

Upington, Upington Veterinary Clinic

Goat: 3 Kids

Warts										
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	
Average	1.5 (2)			1.0 (2)	2.0 (7)	2.0 (5)	1.0 (1)	1.8 (4)		
Level of impore	Level of importance scale: $1 = $ one case, $2 = $ more than one case but less than ten and $3 = $ more than 10 reported									
Beef	1.5 (2)			1.0 (2)	2.0 (5)	2.0 (5)	1.0 (1)	2.0 (2)		
Dairy					2.0 (1)			1.5 (2)		
Sheep					2.0 (1)					

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Lydenburg, Lydenburg Dierespreekkamer

Beef: 2
North West

Christiana, Christiana Dierehospitaal

Beef: 1

Vryburg, Molopo Dierespreekkamer

Beef: 1

Free State									
Bultfontein	Greylingsrust	Dieresnr	eekkamer						
Beef: 3	· Creyinigor do	. Diciospi	COMMUNICI						
Young anima	ls								
	ocolan Dierek	liniek							
Beef: 2									
	Harrismith Die	erehospita	aal						
Beef: 1, Shee		o. ooop.a							
	Kroonstad Die	rehospita	al						
Dairy: 2		. C.I.O.O.P.I.Ca							
	s Dierehospita	al							
Beef: 2		 -							
Vilioenskro	on, Viljoenskro	on Diere	kliniek						
Beef: 2	, <u>.</u>								
Kwazulu-Na	ntal								
	n, Camperdov	vn Vet Cli	nic						
Beef: 1	,								
	dumeni Herd h	nealth							
Beef: 2									
	Mooirivier Vet	Clinic							
Beef: 3									
Mtubatuba,	Mtubatuba Ar	nimal Clin	ic						
Beef: 1									
Vryheid, Vr	heid Privaat \	/eeartse							
Beef: 3									
Eastern Cap	e								
	Port Alfred Ve	eterinary (Clinic						
Beef: 1		-							
Papilloma one	e case Port Alfre	d							
Western Ca	ре								
George, Geo	orge Animal H	ospital							
Beef: 2									
Malmesbury	, Dr Otto Krie	k							
Dairy: 1									
Malmesbury	,, Malmesbury	Dierehos	pitaal						
Beef: 2, Dairy									
Rota viru	S								_
PROVINCE	Mpumalanga	Gautena	Limnono	North	Free	Kwazulu-	Eastern	Western	Northern
INOVINCE	ripamalanga	Guuteng	Limpopo	West	State	Natal	Cape	Cape	Cape
					2.0	1.0 (1)			
Average					(1)	1.0 (1)			
Level of impo	ortance scale: 1	= one case	e, 2 = more	than on	e case b	ut less than te	en and 3 =	more than 1	0 cases
reported	_		,						
					2.0				
Beef					2.0				
					(1)				
Dairy						1.0(1)			
						1.0 (1)			
Free State	Harriamith Di	orobocnit	aal						
	Harrismith Di	erenospita	adi						
Beef: 2									

Kwazulu-Na	ntal									
	Mooirivier Vet	Clinic								
Dairy: 1										
Corona V	irus								_	
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										
Harrismith, Beef: 2	Harrismith Die	erehospita	aal							
2002	gs (Plant)	and Fu	ngal							
1 013011111	go (Flame)	and rai								
Cestrum	(Ink berry)								_	
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	
Average		1.5 (2)			1.5 (2)		1.0 (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)			1.5 (2)		1.0 (1)			
Gauteng			1							
Bronkhorsts Beef: 1	spruit, Kerkstr	aat Dierel	kiiniek							
	rg, Magaliesbu	ırg; Dr Rv	an Jeffrey							
Beef: 2	<u> </u>									
Free State	osolon Diausti	limials								
Clocolan, Clocolan Dierekliniek Beef: 2										
Viljoenskroon, Viljoenskroon Dierekliniek										
Beef: 1	- -									
Eastern Cape										
Humansdorp, Humansdorp Veterinary Clinic Beef: 1										
	um poisonin	g (Bobb	ejaanto	u)						
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	

Average								1.5 (4)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef								1.0(1)	
Dairy								1.7 (3)	
Dairy: 1 Riversdale, Beef: 1, Dairy	(WC), Heidelbe	ekliniek							
Dairy: 2									
Facial ecz	ema								
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Norther Cape
Average					2.0 (2)				
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Sheep					2.0 (2)				
ree State	ocolan Dierekl	liniek							
Sheep: 2									
•	land Dierehos	pitaal							
Sheep: 2									
Geeldikko	op/Dikoor								
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Norther Cape
Average					2.0 (1)				
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Sheep					2.0 (1)				
Free State									
Clocolan, Cl	ocolan Dierekl	iniek							
Sheep: 2									

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	
Average	1.0 (1)					1.0(1)				
Level of importance scale: $1 = $ one case, $2 = $ more than one case but less than ten and $3 = $ more than 10 cases reported										
Beef	1.0(1)					1.0(1)				
Ermelo, Môi Beef: 1 One case, 3 c Kwazulu-Na	Mpumalanga Ermelo, Môregloed Veterinêre Spreekkamer Beef: 1 One case, 3 cattle moved into new camp Kwazulu-Natal Dundee, Endumeni Herd health									
Lantana									^	
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	
Average	2.0 (2)					1.5 (2)				
Level of impore	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)				
Goat	2.0 (1)									
Mpumalanga Ermelo, Mpumalanga - State Vet Office Beef: 2 Nelspruit, Nelspruit Animal Hospital Goat: 2 Kwazulu-Natal Camperdown, Camperdown Vet Clinic Beef: 1 Vryheid, Vryheid Privaat Veeartse Beef: 2 Nenta poisoning (Krimpsiekte)										
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 Ca										
Beaufort We Sheep: 2	est, Beaufort V	west State	evet							

Nitrate p	oisoning								
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northerr Cape
Average					2.0 (1)				
Level of impore	ortance scale: 1	= one case	e, 2 = more	than on	e case b	ut less than te	en and 3 =	more than 1	0 cases
Sheep					2.0 (1)				
ree State									
	land Dierehos	pitaal							
Sheep: 2									
Prussic a	cid poisonin	ıg							
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northerr Cape
Average					1.7 (3)			1.0 (1)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than on	e case b	ut less than te	en and 3 =	more than 1	0 cases
Beef					2.0 (1)				
Sheep					1.5 (2)			1.0 (1)	
ree State									
C locolan, Cl Beef: 2, Shee	ocolan Dierek	liniek							
	n, Wesselsbro	n Dierekli	niek						
Sheep: 1									
Nestern Ca	pe (WC), Heidelb	ara Diarel	kliniek						
Sheep: 1	(We), Heidelb	cig Dicici	KIIIIICK						
Seneciosi	is								
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northeri Cape
Average					1.5 (2)				
Level of impo	ortance scale: 1	= one case	e, 2 = more	than on	e case b	ut less than te	en and 3 =	more than 1	0 cases
reported									

					(2)				
Free State Harrismith,	Harrismith Die	erehospita	aal						
Beef: 2									
Vrede, Vrede Beef: 1	e Dierehospita	aal							
Tulip Pois	oning								^
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 impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef	2.0(1)							1.0(1)	
Mpumalang	a							` `	
	Lydenburg Die	erespreek	kamer						
Beef: 2 Western Ca	ne								
	h, Stellenbosc	h Animal	Hospital						
Beef: 1			-						
Vermeers	siekte (Gaig	eria spp	.)						^
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 impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Sheep		1.0 (1)			1.0 (1)				
Gauteng									
Pretoria, An	ima Veterinar	y Consult	ing Rooms	;					
Sheep: 1									
Suspected Free State									
	Harrismith Die	erehospita	aal						
Sheep: 1									
Mycotoxi	cosis								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape

2.0 (1)

Average

2.0 (1)

2.0(1)

Beef	2.0(1)								
Dairy						2.0(1)		2.0(1)	
1pumalang	ıa					2.0 (1)		2.0 (1)	
	irootvlei Diere	kliniek							
eef: 2									
(wazulu-Na	atal								
•	dumeni Herd l	nealth							
Dairy: 2									
Vestern Ca	•								
	y, Malmesbury	Dierehos	pitaal						
Dairy: 2									
Other									_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)					1.0 (1)		3.0 (1)	
evel of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	n and 3 =	more than 1	0 cases
eef						1.0(1)			
heep	1.0(1)							3.0 (1)	
Sheep: 1 Kwazulu-Na Mooi River, Beef: 1 Acorn poison Vestern Ca	Mooirivier Veting	t Clinic							
	Piketberg Dier	enospitaa	<u> </u>						
Sheep: 3	first green plant	s seen in d	rought strick	ken area	- dikkop	in young she	ep		
Sheep: 3 Turksnaald - Poisonin			rought stric	ken area	- dikkop	in young she	ер		
Theep: 3 Turksnaald - Poisonin Water co		1		North West	- dikkop	Kwazulu-	Eastern Cape	Western Cape	Northern Cape
Sheep: 3 Turksnaald - Poisonin Water co PROVINCE	ntamination	1		North	Free	Kwazulu-	Eastern		
Sheep: 3 Turksnaald - Poisonin Water co PROVINCE Average	ntamination	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal 2.0 (1)	Eastern Cape	Cape	

Dairy: 2									
Urea Pois	oning								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					3.0 (2)				
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bi	ut less than te	en and 3 =	more than 1	0 cases
Beef					3.0 (1)				
Sheep					3.0 (1)				
Free State									
Trompsburg	, Dr. Wyn Irw	in							
Beef: 3									
Rain, wet lick	S								
Sheep: 3									
Rain, wet lick	S								
Snake Bit	te								^
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 impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bi	ut less than te	en and 3 =	more than 1	0 cases
Beef					1.0 (1)				1.0(1)
Free State									
	land Dierehos	pitaal							
Beef: 1									
Northern Ca									
	uruman Diere	Kiiniek							
Beef: 1									
Copper P	oisoning								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average									3.0 (1)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bi	ut less than te	en and 3 =	more than 1	0 cases

Sheep									3.0 (1)
Northern Ca	аре								
	Aar Veterinary	Clinic							
Sheep: 3 Yellow carcas	ses at abattoir								
Chemical	products								
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)				
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ıt less than te	en and 3 =	more than 1	0 cases
Sheep					1.0 (1)				
Free State									
Reitz, Riem Sheep: 1	land Dierehos	pitaal							
Other									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.0 (1)					
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ıt less than te	en and 3 =	more than 1	0 cases
Beef				1.0(1)					
North West				1.0 (1)					
	Christiana Die	rehospita	al						
Beef: 1	* (NA	15		A I -1' I-	1.0				
	oisoning (Monens			alaicarb ·	- I R				
Macro N	utritional F	Problem	ıs						
Energy d	eficiency								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		3.0 (1)			2.5 (4)	2.0 (1)		1.8 (4)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef		3.0 (1)			3.0	2.0 (1)		1.7 (3)	

Sheep					2.3 (3)			2.0 (1)	
Gauteng									
	raal, Themba A	Animal Cli	nic						
Beef: 3									
Free State									
Clocolan, Cl	locolan Dierek	liniek							
Sheep: 3									
Harrismith,	Harrismith Di	erehospit	aal						
Beef: 3, Shee	ep: 3								
Hertzogville	e, Hertzogville	Diereklin	iek						
Sheep: 1									
Kwazulu-Na									
	wick Veterinai	ry Clinic							
Beef: 2									
Western Ca									
	erberg Veteri	nary Hosp	ital						
Beef: 2									
	y, Bergzight Di	ierehospit	aal						
Beef: 1									
	y, Malmesbury	Dierehos	pitaal						
Beef: 2, Shee	ep: 2								
Protein d	eficiency								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (2)			3.0 (2)	2.0 (1)	2.0 (1)	1.7 (3)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	than on	e case bı	ut less than te	en and 3 =	more than 1	0 cases
Beef		3.0 (1)			3.0 (1)	2.0 (1)	2.0 (1)	1.5 (2)	
Sheep					3.0 (1)			2.0 (1)	
Goat		1.0(1)							
Gauteng									
	raal, Themba A	Animal Cli	nic						
Beef: 3, Goat									
Free State	_								
	Harrismith Di	erehospit	aal						
Beef: 3, Shee									
Kwazulu-Na	•								
	wick Veterina	ry Clinic							
Beef: 2									
Eastern Cap									
	ре								
Alexandria,	oe Alexandria Pla	atteland S	preekkam	er					
Alexandria, Beef: 2		atteland S	Spreekkam	ier					
	Alexandria Pla	atteland S	preekkam	ier					
Beef: 2 Western Ca	Alexandria Pla			ier					

ฯaimesbur y	y, Malmesbury	Dierehos	pitaal						
Beef: 2, Shee	ep: 2								
Phosphat	te deficiency	у							
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.0 (2)				2.0 (1)	2.5 (2)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef				1.0(2)	i				2.5 (2)
Dairy								2.0 (1)	
North West									
Rustenburg	, Bergbos Dier	ekliniek							
Beef: 1									
	olopo Dierespr	eekkame	r						
Beef: 1									
Western Ca	pe ,, Malmesbury	Diorobee	nitaal						
naimesbury Dairy: 2	у, таппезригу	Dierenos	pitaai						
Vany. 2 Vorthern Ca	ape								
	uruman Diere	kliniek							
Beef: 2									
Postmasbur	rg, Postmasbu	rg Dierek	liniek						
Beef: 3									
Calcium (deficiency								<u>-</u>
	deficiency Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
PROVINCE		Gauteng 2.0 (1)	Limpopo			Natal		Cape	
PROVINCE Average Level of impo		2.0 (1)		West	1.5 (2)	3.0 (1)	Cape 2.0 (1)	2.0 (6)	Cape
PROVINCE Average Level of impore ported	Mpumalanga	2.0 (1)		West	1.5 (2)	3.0 (1)	Cape 2.0 (1)	2.0 (6)	Cape
PROVINCE Average	Mpumalanga	2.0 (1)		West	1.5 (2)	3.0 (1)	Cape 2.0 (1)	2.0 (6) more than 1	Cape
PROVINCE Average Level of imporeported Beef Dairy	Mpumalanga	2.0 (1)		West	1.5 (2) e case but	3.0 (1)	Cape 2.0 (1)	2.0 (6) more than 1 2.0 (1)	Cape
PROVINCE Average Level of imporeported Beef Dairy Sheep Gauteng	Mpumalanga ortance scale: 1	2.0 (1) = one case 2.0 (1)	e, 2 = more	West	1.5 (2) e case but 1.0 (1) 2.0	3.0 (1)	2.0 (1) en and 3 =	2.0 (6) more than 1 2.0 (1) 2.0 (3)	Cape
PROVINCE Average Level of impore ported Beef Dairy Sheep Gauteng Pretoria, An	Mpumalanga	2.0 (1) = one case 2.0 (1)	e, 2 = more	West	1.5 (2) e case but 1.0 (1) 2.0	3.0 (1)	2.0 (1) en and 3 =	2.0 (6) more than 1 2.0 (1) 2.0 (3)	Cape
PROVINCE Average Level of impore ported Beef Dairy Sheep Gauteng Pretoria, Anthese: 2	Mpumalanga ortance scale: 1	2.0 (1) = one case 2.0 (1)	e, 2 = more	West	1.5 (2) e case but 1.0 (1) 2.0	3.0 (1)	2.0 (1) en and 3 =	2.0 (6) more than 1 2.0 (1) 2.0 (3)	Cape
Average Level of impore reported Beef Dairy Sheep Pretoria, Another Sheep: 2 Free State	Mpumalanga ortance scale: 1	2.0 (1) = one case 2.0 (1)	e, 2 = more	West	1.5 (2) e case but 1.0 (1) 2.0	3.0 (1)	2.0 (1) en and 3 =	2.0 (6) more than 1 2.0 (1) 2.0 (3)	Cape
Average Level of imporeported Beef Dairy Sheep Gauteng Pretoria, And Sheep: 2 Free State	Mpumalanga ortance scale: 1	2.0 (1) = one case 2.0 (1)	e, 2 = more	West	1.5 (2) e case but 1.0 (1) 2.0	3.0 (1)	2.0 (1) en and 3 =	2.0 (6) more than 1 2.0 (1) 2.0 (3)	Cape

Dainy 1									
Dairy: 1 Kwazulu-Na	atal								
	wick Veterinar	v Clinic							
Dairy: 3	wick veterinal	y Cillic							
Eastern Cap	16								
	ve Witelsbos Vete	rinary Co	nsultina R	ooms					
Sheep: 2	Witcisbos Vete	initially Co	nounting it	001113					
Western Ca	ne								
	erberg Veterii	nary Hosn	ital						
Dairy: 2, She		iai y 1100p	rica:						
	, Dr Otto Krie	k							
Dairy: 2	,, 21 0000 14.10								
hypocalcaemi other product	ssure on farm m ia) to their prodi ts. A product car ource. Irrespons	uct on a fain only repla	rm, is a sou ace a recogr	rce of fru	istration. I proven	This not only one if backed	applies to up by data	this product from a relia	: but many able
	When something				aacts is t	arr extremely	aarigerous	practice tria	e carriesare in
	, Groenkloof I			inge it					
Sheep: 2	,, 5. 55	G. GRIIIII							
Feeding chick	en litter								
	y, Malmesbury	Dierehos	pitaal						
Dairy: 2			•						
	Wellington Di	erehospit	aal						
Beef: 2									
Iodine de	utritional P	roblem	S						^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average						1.0(1)			
Level of impore	ortance scale: 1	= one case	e, 2 = more	than on	e case bı	ut less than te	en and 3 =	more than 1	0 cases
Beef						1.0(1)			
Kwazulu-Na	+-1					1.0 (1)			
	ucai wick Veterinar	a Clinic							
Beef: 1	WICK VECEIIIIAI	y Cillic							
beer. 1									
Copper d	eficiency								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average							2.0 (1)		
	ortance scale: 1	= one case	e, 2 = more	than on	e case bu	ut less than te	` ′	more than 1	0 cases
Level of impo	ortance scale: 1	= one case	e, 2 = more	than on	e case bu	ut less than te	` ′	more than 1	0 cases
Level of imporeported Sheep		= one case	e, 2 = more	than on	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Level of impore reported Sheep Eastern Cap					e case bi	ut less than te	en and 3 =	more than 1	0 cases

Sheep: 2									
Zinc defi	ciency								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (3)				
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than to	en and 3 =	more than 1	0 cases
Beef					2.0 (1)				
Dairy					2.0 (1)				
Sheep					2.0 (1)				
Free State									
	locolan Dierek	liniek							
	y: 2, Sheep: 2								
Selenium	deficiency								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average				2.0 (2)	2.0 (2)		2.0 (1)		
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than to	en and 3 =	more than 1	0 cases
Beef					1.0 (1)				
Sheep				2.0 (2)	3.0 (1)		2.0 (1)		
North West									
	Christiana Die	rehospita	al						
Sheep: 3	olopo Dierespr	eekkame	r						
Sheep: 1	c.opo Dierespi	JURNAINE							
Free State									
	locolan Dierek	liniek							
Sheep: 3	Hamilandth D'	auah a''	1						
Beef: 1	Harrismith Di	erenospit	aaı						
Eastern Cap	oe .								
	Witelsbos Vete	erinary Co	nsulting R	ooms					
Sheep: 2									

	A deficiency								_
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 impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef				3.0(1)				2.0 (1)	
Dairy								2.0 (1)	
Beef: 3 Western Ca l	Christiana Die								
Beef: 2, Dairy									
Vitamin B	3 deficiency								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average								2.0 (4)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef								2.0(2)	
Dairy								2.0 (1)	
Sheep								2.0 (1)	
Western Ca _l Malmesbury	•	D:							
		Dierenos	pitaal						
Beef: 2, Dairy Wellington,	y: 2, Sheep: 2 Wellington Di								
Beef: 2, Dairy Wellington, Beef: 2	y: 2, Sheep: 2 Wellington Di	ierehospit	aal						
Beef: 2, Dairy Wellington, Beef: 2	y: 2, Sheep: 2 Wellington Di ctorial Dise	ierehospit	aal	;					
Beef: 2, Dairy Wellington, Beef: 2 Multi-fac Abortions	y: 2, Sheep: 2 Wellington Di ctorial Dise	erehospit	aal nditions	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Beef: 2, Dairy Wellington, Beef: 2 Multi-fac Abortions	y: 2, Sheep: 2 Wellington Di ctorial Dise	ease Co	aal nditions	North West	State	Natal		Cape	
Beef: 2, Dairy Wellington, Beef: 2 Multi-fac Abortions PROVINCE Average	y: 2, Sheep: 2 Wellington Di ctorial Dise	Gauteng	nditions Limpopo 1.0 (2)	North West	2.2 (13)	Natal 2.0 (7)	Cape 1.5 (2)	Cape 2.1 (7)	3.0 (1)

					(7)				
Dairy	2.0 (1)				1.0 (1)	3.0 (2)		2.2 (5)	
Sheep		1.0 (1)		2.0 (1)	2.4 (5)	1.5 (2)	2.0 (1)	2.0 (1)	3.0 (1)
Goat			1.0(1)	2.5 (2)					
Mpumalang	а								

Bethal, Bethal Dierekliniek

Dairy: 2 Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 2

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1 Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 1, Goat: 1
North West

Klerksdorp, Buffeldoorn Dierehospitaal

Goat: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2, Sheep: 2

Vryburg, Molopo Dierespreekkamer

Beef: 2, Goat: 2
Free State

Dewetsdorp, Platkop Dierekliniek

Reef: 2

Harrismith, Harrismith Dierehospitaal

Beef: 3, Sheep: 3

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Dairy: 1

Ladybrand, Ladybrand

Sheep: 2

Reitz, Riemland Dierehospitaal

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Vrede, Vrede Dierehospitaal

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1, Sheep: 2 **Kwazulu-Natal**

Bergville, Tugela Vet Clinic

Sheep: 2

Enzootic abortion

Dundee, Endumeni Herd health

Beef: 2

Howick, Howick Veterinary Clinic

Beef: 2, Dairy: 3

Newcastle, Ncanduvet Newcastle

Beef: 1, Sheep: 1

Underberg,	Underberg Ve	terinary S	Surgery						
Dairy: 3									
Eastern Cap									
	Alexandria Pla	atteland S	preekkan	ner					
Beef: 1									
Witelsbos, \	Witelsbos Vete	erinary Co	nsulting R	looms					
Sheep: 2									
Western Ca									
	verberg Veteri	nary Hosp	ital						
Dairy: 2									
	y, Dr Otto Krie	k							
Dairy: 2									
	y, Malmesbury	Dierehos	pitaal						
	y: 3, Sheep: 2								
	h, Stellenbosc	h Animal	Hospital						
Dairy: 1									
	n, Swellendam	Dierehos	pitaal						
Dairy: 3									
Northern Ca	-								
	rg, Postmasbu	rg Diereki	liniek						
Sheep: 3									
Stillbirth	c								^
otinon til.									_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State		Eastern Cape	Western Cape	Northern Cape
Average					2.6 (5)	3.0 (1)	1.0 (1)	1.5 (2)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than on	e case b	ut less than te	en and 3 =	more than 1	0 cases
Beef					3.0 (2)		1.0 (1)	1.0(1)	
Dairy						3.0(1)		2.0(1)	
Sheep					2.3 (3)				
Free State									
Harrismith,	Harrismith Die	erehospita	aal						
Beef: 3, Shee									
Hoopstad, H	Hoopstad Diere	ekliniek							
Beef: 3, Shee	ep: 3								
Wesselsbro	n, Wesselsbro	n Dierekli	niek						
Sheep: 1									
Kwazulu-Na	atal								
Howick, Ho	wick Veterina	ry Clinic							
Dairy: 3									
Eastern Cap	ре								
Port Alfred, Beef: 1	Port Alfred Ve	eterinary (Clinic						
Bulldog calf -	one case South	well							
Western Ca	pe								
	ipe y, Bergzight Di	ierehospit	aal						

Dairy: 2										
•	h, Stellenbosc	h Animal	Hospital							
Beef: 1	, 5105115050									
Abscesse	S .								_	
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	
Average	1.8 (4)	1.7 (7)	1.0 (3)	3.0 (2)	2.6 (7)	2.8 (5)	2.2 (5)	2.0 (3)	2.0 (4)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported										
Beef	1.0 (1)	1.7 (3)	1.0 (1)	3.0 (1)	2.5 (4)	2.5 (2)	2.0 (1)		2.0 (1)	
Dairy						3.0 (1)				
Sheep	2.0 (3)	1.5 (2)	1.0 (1)	3.0 (1)	2.7 (3)	3.0 (1)	2.0 (2)	2.0 (3)	2.5 (2)	
Goat		2.0 (2)	1.0(1)			3.0 (1)	2.5 (2)		1.0 (1)	
Mpumalang	ıa									
	regloed Veteri	nêre Spre	ekkamer							
Sheep: 3		<u> </u>								
•	rootvlei Diere	kliniek								
Sheep: 2										
•	, Middelburg I	Dierehosp	itaal							
Beef: 1, Shee										
Gauteng	•									
	spruit, Kerkstr	aat Diere	kliniek							
Beef: 2										
Hammanski	raal, Themba <i>l</i>	Animal Cli	nic							
Beef: 2, Goat										
Pretoria, An	nima Veterinar	y Consult	ing Rooms	3						
Sheep: 2		-	_							
Pretoria, Or	nderstepoort A	cademic	Hospital aı	nd Produ	uction A	Animal Clinic	}			
Beef: 1, Shee	-		-							
	rium pseudotube	erculosis								
Goat: 1	,									
Corynebacter	rium pseudotube	erculosis								
Limpopo										
	Pietersburg V	eterinary	Clinic							
	ep: 1, Goat: 1									
North West										
Christiana,	Christiana Die	rehospita	al							
Beef: 3, Shee		•								
Free State										
Bethlehem,	Freestate Bet	hlehem S	V							
Poofi 2										

Beef: 2

Harrismith, Harrismith Dierehospitaal

Beef: 3, Sheep: 3 Hoopstad, Hoopstad Dierekliniek Beef: 3, Sheep: 3 Parys, Parys Dierehospitaal

Beef: 2

Reitz, Riemland Dierehospitaal

Sheep: 2

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Dairy: 3

Mooi River, Mooirivier Vet Clinic

Beef: 2

Vryheid, Vryheid Privaat Veeartse

Beef: 3, Sheep: 3, Goat: 3

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2

Graaff-Reinet, Camdeboo Veterinary Clinic

Sheep: 1

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Goat: 2

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 3

E. coli 1; Trueperella pyogenes 3

Goat: 3

Trueperella pyogenes 3; Corynebacterium ovis abscess 1

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Sheep: 2

Oudtshoorn, Ostrimed

Sheep: 1

Wellington, Wellington Dierehospitaal

Sheep: 3

Corynebacterium pseudotuberculosis

Northern Cape

Colesberg, Karoo Veterinary Hospital

Sheep: 2

Corynebacterium

De Aar, De Aar Veterinary Clinic

Sheep: 3

Seen at scanning

Kimberley, Kimberley Dierekliniek

Goat: 1

Pituitary abscess

Kuruman, Kuruman Dierekliniek

Beef: 2

Abscesses in general									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.5 (2)			2.3 (7)	2.0 (3)	2.0 (1)	2.3 (3)	2.0 (3)

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

Beef		3.0 (1)			2.3 (4)	2.0 (2)		2.0 (1)	2.0 (1)
Dairy					1.0 (1)	2.0 (1)		3.0 (1)	
Sheep					3.0 (2)		2.0 (1)	2.0 (1)	2.0 (1)
Goat		2.0(1)							2.0(1)
Gauteng									
	raal, Themba A	Animal Cli	nic						
Beef: 3, Goat	: 2								
ree State									
larrismith,	Harrismith Di	erehospita	aal						
Beef: 3, Shee									
	e, Hertzogville	Diereklin	ek						
Beef: 1									
	loopstad Diere	ekliniek							
Beef: 3, Shee									
	Kroonstad Die	rehospita	al						
Beef: 2, Dairy									
(wazulu-Na									
	dumeni Herd h	nealth							
Beef: 2, Dairy									
	Mtubatuba Ar	nimal Clin	C						
Beef: 2									
astern Cap									
	Nitelsbos Vete	erinary Co	nsuiting K	ooms					
Sheep: 2 Nestern Ca j									
	pe /, Malmesbury	Diorobos	nitaal						
	/; Mailliesbury /: 3, Sheep: 2	Dieleilos	рісааі						
Northern Ca									
	uruman Diere	kliniek							
lui uillalli, il		KIIIICK							
	n: 2 Goat: 2								
Beef: 2, Shee									
Beef: 2, Shee				North	Erros	K wazulu	Engtown	Wostown	Nouthous
Beef: 2, Shee		Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Beef: 2, Shee Bladder s PROVINCE	tones	Gauteng	Limpopo				Саре		
Beef: 2, Shee Bladder s PROVINCE	tones	Gauteng	Limpopo		State				
Bladder s PROVINCE Average Level of impo	tones			West	1.5 (2)	Natal	1.0 (1)	Cape	Cape
Bladder s PROVINCE Average Level of impore ported	tones Mpumalanga			West	1.5 (2)	Natal	1.0 (1)	Cape	Cape
Bladder s PROVINCE Average	tones Mpumalanga			West	1.5 (2) e case bu	Natal	1.0 (1) en and 3 = 1	Cape	Cape
Bladder s Bladder s PROVINCE Average Level of imporeported Sheep	Mpumalanga ortance scale: 1	= one case	e, 2 = more	West	1.5 (2) e case bu	Natal	1.0 (1) en and 3 = 1	Cape	Cape
Bladder s Bladder s PROVINCE Average Level of imporeported Sheep Free State Harrismith,	tones Mpumalanga	= one case	e, 2 = more	West	1.5 (2) e case bu	Natal	1.0 (1) en and 3 = 1	Cape	Cape
Bladder s Bladder s PROVINCE Average Level of imporeported Sheep Free State Harrismith, Sheep: 2	Mpumalanga ortance scale: 1	= one case	e, 2 = more	West	1.5 (2) e case bu	Natal	1.0 (1) en and 3 = 1	Cape	Cape
Bladder s Bladder s PROVINCE Average Level of imporeported Sheep Free State Harrismith, Sheep: 2	Mpumalanga ortance scale: 1 Harrismith Die	= one case	e, 2 = more	West	1.5 (2) e case bu	Natal	1.0 (1) en and 3 = 1	Cape	Cape

Graaff-Rein Sheep: 1	eep: 1								
Blindness	5								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	2.0 (1)			2.3 (4)			2.0 (1)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef	1.0 (1)				2.0 (3)				
Dairy								2.0(1)	
Sheep					3.0 (1)				
Goat		2.0(1)							
Mpumalang Grootylei, G	a irootvlei Diere								
Beef: 1	induction Blanc	KIIIIICK							
Gauteng									
	raal, Themba <i>l</i>	Animal Cli	nic						
Goat: 2									
Free State			•						
	Harrismith Di	erehospita	aal						
Beef: 2	e, Hertzogville	Diereklin	iok						
Beef: 1	z, nertzogrine	Dicickiiii	ICK						
	loopstad Diere	ekliniek							
Beef: 3, Shee									
Western Ca									
	erberg Veteri	nary Hosp	ital						
Dairy: 2									
Bloat									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)	2.0 (1)			2.0 (1)	2.0 (1)		1.8 (6)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef	1.0(2)	2.0(1)						2.0 (3)	
Dairy						2.0(1)		1.7 (3)	
Sheep					2.0 (1)				

Mpumalanga											
Bethal, Bethal Dierekliniek											
Beef: 1											
Grootvlei, G	Grootvlei, Grootvlei Dierekliniek										
Beef: 1											
Gauteng											
	nderstepoort A	cademic	Hospital ar	nd Prod	uction A	nimal Clinic	;				
Beef: 2											
Free State											
Ladybrand, Ladybrand											
Sheep: 2											
Kwazulu-Na	atal										
Howick, Ho	wick Veterina	ry Clinic									
Dairy: 2		-									
Western Ca	ре										
Caledon, Ca	ledon Dierekli	niek									
Dairy: 1											
	y, Groenkloof	Diereklini	ek								
Beef: 2											
Three cases,	nutrition related	l. Acute de	aths								
	y, Malmesbury										
Beef: 2, Dairy											
Riversdale, Beef: 2, Dairy	Riversdal Dier	ekliniek									
Blood gu	t (sheep and	d goat)							^		
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape		
Average					2.0 (1)						
Level of impore	ortance scale: 1	= one case	e, 2 = more	than on	e case bu	ut less than te	en and 3 =	more than 1	0 cases		
Sheep					2.0						
Опсер					(1)						
Free State											
	Harrismith Di	erehospit	aal								
Sheep: 2											
Blue udd	er								^		
				North	Free	Kwazulu-	Eastern	Western	Northern		
PROVINCE	Mpumalanga	Gauteng	Limpopo	West	State	Natal	Cape	Cape	Саре		
Average 1.0 (1) 1.0 (1) 1.8 (5)											
									_		
Level of impore	ortance scale: 1	= one case	e, 2 = more	than on	e case bu	ut less than te	en and 3 =	more than 1	0 cases		
	ortance scale: 1	= one case	e, 2 = more	than on	e case bu	ut less than te	en and 3 =	more than 1 $1.0(1)$	0 cases		

	1.0 (1)	1.0.(1)			1.9	l		2.0 (4)	
Sheep	1.0 (1)	1.0 (1)			(7)			2.0 (4)	
Mpumalang									
	Grootvlei Diere	kliniek							
Sheep: 1									
Gauteng									
	nima Veterinar	y Consult	ing Rooms	3					
Sheep: 1									
Free State	Hausiamith Di	avah asmit	I						
	Harrismith Di	erenospit	aaı						
Sheep: 3	e, Hertzogville	Dioroklin	iak						
Sheep: 2	e, nei tzogville	Dierekiiii	IEK						
	Kroonstad Die	rohoenita	al .						
Sheep: 2	KIOOIIStau Die	enospita	lai						
·	on, Viljoenskro	on Diere	kliniak						
Sheep: 1	on, viijoenski	Juli Diele	KIIIIIEK						
	gepoort Dierel	kliniek Ve	nnootekan						
Sheep: 2	gepoort Dierei	MIIIICK VC	шоосэкар	·					
	le Dierehospita	aal							
Sheep: 2	ic Bicrenospia	.u.							
	n, Wesselsbro	n Dierekli	niek						
Sheep: 1	,	2.0.0.							
Western Ca	pe								
	ledon Dierekli	iniek							
Sheep: 2									
	y, Bergzight Di	ierehospit	taal						
Sheep: 2	,, ,	•							
	Piketberg Dier	ehospitaa							
Sheep: 3		-							
Blue udder ir	sheep-feed lot	situation d	ue to droug	ht					
Stellenboso	h, Stellenbosc	h Animal	Hospital						
Dairy: 1, She	ep: 1								
Diarrhoe	a								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (5)	2.0 (2)	1.0 (3)	3.0 (8)	2.7 (15)	2.5 (4)	2.0 (1)	2.3 (6)	
Level of impreported	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than to	en and 3 =	more than 1	0 cases
Beef	2.0 (2)	2.0 (2)	1.0 (1)	3.0 (3)	2.5 (4)	2.0 (1)			
Dairy					3.0 (2)	3.0 (2)		2.4 (5)	
Sheep	2.0 (2)		1.0 (1)	3.0 (4)	(9)	2.0 (1)	2.0 (1)	2.0 (1)	
Goat	1.0 (1)		1.0 (1)	3.0 (1)					
Mpumalang	ja								

Grootvlei, Grootvlei Dierekliniek Sheep: 1, Goat: 1 Lydenburg, Lydenburg Dierespreekkamer Middelburg, Middelburg Dierehospitaal Beef: 3, Sheep: 3 Gauteng Bapsfontein, Bapsfontein Dierehospitaal Hammanskraal, Themba Animal Clinic Beef: 2 Limpopo Polokwane, Pietersburg Veterinary Clinic Beef: 1, Sheep: 1, Goat: 1 **North West Bloemhof, Bloemhof Dierekliniek** Beef: 3 Calf diarrhoea Sheep: 3 Lamb diarrhoea Christiana, Christiana Dierehospitaal Klerksdorp, Buffeldoorn Dierehospitaal Klerksdorp, Klerksdorp Dierehospitaal Beef: 3, Sheep: 3 Stella, Stella Dierekliniek Beef: 3, Sheep: 3 **Free State Bultfontein, Greylingsrust Dierespreekkamer** Sheep: 3 Clocolan, Clocolan Dierekliniek Beef: 3, Dairy: 3, Sheep: 3 **Dewetsdorp, Platkop Dierekliniek** Sheep: 2 Harrismith, Harrismith Dierehospitaal Beef: 3, Sheep: 3 Hoopstad, Hoopstad Dierekliniek Sheep: 3 Kroonstad, Kroonstad Dierehospitaal Beef: 2, Dairy: 3, Sheep: 3 Ladybrand, Ladybrand Sheep: 3 Villiers, Wilgepoort Dierekliniek Vennootskap Beef: 2, Sheep: 3 Vrede, Vrede Dierehospitaal Sheep: 2 Kwazulu-Natal Bergville, Tugela Vet Clinic Beef: 2, Sheep: 2 **Howick, Howick Veterinary Clinic** Dairy: 3 **Underberg, Underberg Veterinary Surgery** Dairy: 3

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic Sheep: 2										
Western Ca	ne									
	erberg Veteri	narv Hosp	ital							
Dairy: 2	ciberg receiv	у 1100р								
Calves										
	gerberg Diereh	nospitaal [Darling							
Dairy: 1	,									
•	rrhoea due to co	olostrum de	eficiency							
	y, Dr Otto Krie		,							
Dairy: 3	-									
	finite pattern the									
	the small calves,									
	eeded. In the ev			he incide	nce of di	arrhoea one l	nas to go ba	ack to the ba	isics.	
	y, Malmesbury	Dierehos	pitaal							
Dairy: 3, She										
	n, Swellendam	Dierehos	pitaal							
Dairy: 3										
Epididym	itis									
PROVINCE	Mpumalanga	Gautena	Limnono	North	Free	Kwazulu-	Eastern	Western	Northern	
ROVINCE	ripamalanga	Guuteng	Limpopo	West	State	Natal	Cape	Cape	Cape	
Average	1.0(1)							2.0(1)		
Level of impo	ortance scale: 1	= one case	e, 2 = more	than one	e case bi	ut less than te	en and 3 =	more than 1	0 cases	
reported										
Sheep	1.0(1)							2.0(1)		
-								2.0 (1)		
Mpumalang		leliminte								
Sheep: 1	irootvlei Diere	Kiiniek								
Western Ca	no									
	ре y, Malmesbury	Dierehos	nitaal							
Sheep: 2	,, Maintesbury	Dicicios	pitaai							
эпсер. 2										
Eye Canc	er									
			ı	1						
					Erron	V	F	Western	Northern	
DROVINCE	Maumalanaa	Cautana	1:	North	Free	Kwazulu-	Eastern	western	1401 CHELLI	
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	State	Natal	Cape	Cape	Cape	
PROVINCE	Mpumalanga	Gauteng	Limpopo							
	Mpumalanga		Limpopo		State	Natal	Саре	Саре	Саре	
	Mpumalanga	Gauteng 2.0 (1)	Limpopo		State 1.6					
	Mpumalanga		Limpopo		State	Natal	Саре	Саре	Саре	
Average		2.0 (1)		West	1.6 (5)	3.0 (1)	1.0 (1)	2.0 (2)	1.0 (1)	
Average Level of impo	Mpumalanga ortance scale: 1	2.0 (1)		West	1.6 (5)	3.0 (1)	1.0 (1)	2.0 (2)	1.0 (1)	
Average		2.0 (1)		West	1.6 (5)	3.0 (1)	1.0 (1)	2.0 (2)	1.0 (1)	
Average Level of imporeported		2.0 (1) = one case		West	1.6 (5) e case bu	3.0 (1)	1.0 (1)	2.0 (2)	1.0 (1) 0 cases	
Average Level of impore ported		2.0 (1)		West	1.6 (5)	3.0 (1)	1.0 (1)	2.0 (2)	1.0 (1) 0 cases	
Average Level of impore ported Beef		2.0 (1) = one case		West	1.6 (5) e case but 2.0 (2)	3.0 (1)	1.0 (1)	Cape 2.0 (2) more than 1	1.0 (1) 0 cases	
Average Level of impo		2.0 (1) = one case		West	1.6 (5) e case but 2.0 (2) 1.0	3.0 (1)	1.0 (1)	2.0 (2)	1.0 (1)	
Average Level of impore ported Beef		2.0 (1) = one case		West	1.6 (5) e case by 2.0 (2) 1.0 (2)	3.0 (1)	1.0 (1)	Cape 2.0 (2) more than 1	1.0 (1) 0 cases	
Average Level of imported Beef		2.0 (1) = one case		West	1.6 (5) e case but 2.0 (2) 1.0	3.0 (1)	1.0 (1)	Cape 2.0 (2) more than 1	1.0 (1) 0 cases	

Gauteng

Bronkhorstspruit, Kerkstraat Dierekliniek

Beef: 2 Free State

Clocolan, Clocolan Dierekliniek

Beef: 2, Dairy: 1, Sheep: 2

Harrismith, Harrismith Dierehospitaal

Beef: 2

Hertzogville, Hertzogville Dierekliniek

Dairy: 1

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Dairy: 3

Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic

Sheep: 1

Western Cape

Malmesbury, Bergzight Dierehospitaal

Dairy: 2

Malmesbury, Malmesbury Dierehospitaal

Dairy: 2

Northern Cape

Kuruman, Kuruman Dierekliniek

Beef: 1

Eye infections										
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	
Average	2.0 (2)	2.5 (2)	1.5 (2)	3.0 (4)	2.5 (15)	2.3 (7)	2.0 (3)	2.0 (5)	2.0 (2)	

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

Beef	2.0 (2)		1.5 (2)	3.0 (3)	2.7 (7)	2.5 (2)	2.5 (2)	2.0 (2)	2.0 (2)
Dairy					2.0 (3)	2.3 (3)		2.0 (1)	
Sheep		2.0 (1)		3.0 (1)	2.6 (5)			2.0 (1)	
Goat		3.0 (1)				2.0(2)	1.0(1)	2.0 (1)	

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 2

Gauteng

Hammanskraal, Themba Animal Clinic

Goat: 3

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Limpopo **Bela Bela, Artemis Veterinary Services Polokwane, Pietersburg Veterinary Clinic** Beef: 1 **North West** Christiana, Christiana Dierehospitaal Stella, Stella Dierekliniek Beef: 3 Vryburg, Molopo Dierespreekkamer Beef: 3, Sheep: 3 Free State Bethlehem, Freestate Bethlehem SV Clocolan, Clocolan Dierekliniek Beef: 3, Dairy: 2, Sheep: 2 **Dewetsdorp, Platkop Dierekliniek** Beef: 3, Sheep: 3 Harrismith, Harrismith Dierehospitaal Beef: 3, Sheep: 3 Hertzogville, Hertzogville Dierekliniek Dairy: 1 Parys, Parys Dierehospitaal Beef: 2 **Reitz, Riemland Dierehospitaal** Beef: 3, Dairy: 3, Sheep: 3 Viljoenskroon, Viljoenskroon Dierekliniek Vrede, Vrede Dierehospitaal Sheep: 2 Kwazulu-Natal Camperdown, Camperdown Vet Clinic Goat: 2 **Dundee, Endumeni Herd health** Dairy: 2 **Howick, Howick Veterinary Clinic** Dairy: 3 Mtubatuba, Mtubatuba Animal Clinic Beef: 2, Goat: 2 **Newcastle, Ncanduvet Newcastle** Beef: 3 **Underberg, Underberg Veterinary Surgery** Dairy: 2 **Eastern Cape Graaff-Reinet, Camdeboo Veterinary Clinic** Goat: 1 **Graaff-Reinet, Graaff Reinet Veterinary Clinic** Middelburg (EC), Steynsburg Dierehospitaal Beef: 3 Conjunctivitis **Western Cape** Caledon, Overberg Veterinary Hospital Beef: 2, Dairy: 2

Oudtshoorn, Ostrimed											
Beef: 2 Dust, vitamin deficiencies due to drought, vectors of transmission											
	deficiencies du	e to drough	nt, vectors o	of transmi	ission						
Sheep: 2											
Dust, vitamin	deficiencies du	e to drough	nt, vectors o	of transmi	ission						
Goat: 2											
Dust, vitamin	deficiencies du	e to drough	nt, vectors o	of transmi	ission						
Northern Ca											
	Kimberley Die	rekliniek									
Beef: 2	•										
Keratoconjun	ctivitis										
	rg, Postmasbu	ra Dierek	liniek								
Beef: 2	5,										
Joint Ill									^		
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)	2.0 (5)	2.8 (4)	1.3 (3)				
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bi	ut less than te	en and 3 =	more than 1	0 cases		
Beef	1.0 (1)	1.0(1)		2.5 (2)	2.0 (1)	3.0 (1)	1.0 (1)				
Dairy						2.0 (1)					
Sheep					2.0 (4)	3.0 (2)					
Goat							1.5 (2)				
Mpumalang	a										
	rootvlei Diere	kliniek									
Beef: 1											
Gauteng											
	nderstepoort A	cademic I	Hosnital au	nd Drodi	iction A	nimal Clinic					
Beef: 1	.aci stepoort A	.caaciiic i	isspitai ai	i i out	action P	ar Cillile					
Umbilical heri	nia										
North West											
	Christiana Die	rohoenita	al								
Beef: 3	Cili iscialia Die	i Giiospita	uı								
	Klerksdorp Di	arahasnit	ادد								
Beef: 2	VICI VƏUOI Þ DI	erenospic	aaı								
Free State											
	ocolon Diorela	liniak									
Clocolan, Clocolan Dierekliniek											
Sheep: 2 Downtedown Blatken Diorekliniak											
Dewetsdorp, Platkop Dierekliniek											
Sheep: 2 Harrismith, Harrismith Dierehospitaal											
Beef: 2, Sheep: 2											
	Villiers, Wilgepoort Dierekliniek Vennootskap										
Sheep: 2	4-1										
Kwazulu-Na	atal										

Howick, Howick Veterinary Clinic Dairy: 2

Underberg, Underberg Veterinary Surgery

Vryheid, Vryheid Privaat Veeartse

Beef: 3, Sheep: 3 **Eastern Cape**

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Port Alfred, Port Alfred Veterinary Clinic

Beef: 1

Port Alfred one case

Goat: 2

Two cases - Bathurst

Lameness/Foot Problems										
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	
Average	1.5 (4)	1.5 (6)		2.0 (3)	2.9 (17)	2.4 (7)	2.5 (4)	2.2 (6)	3.0 (1)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	case bu	ıt less than te	n and 3 = 1	more than 10) cases	
Beef	1.0 (3)	2.0 (3)		2.0 (1)	2.8 (6)	2.3 (3)		2.0 (1)	3.0 (1)	
Dairy					3.0 (2)	3.0 (1)		2.2 (5)		
Sheep	3.0 (1)	1.0(1)		2.0 (1)	2.9 (9)	3.0 (2)	2.5 (2)			
Goat		1.0 (2)		2.0(1)		1.0 (1)	2.5 (2)			

Mpumalanga

Ermelo, Môregloed Veterinêre Spreekkamer

Sheep: 3

Foot rot (300 out of 1000), old problem

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Lydenburg, Lydenburg Dierespreekkamer

Beef: 1

Middelburg, Middelburg Dierehospitaal

Beef: 1 Gauteng

Hammanskraal, Themba Animal Clinic

Beef: 3, Goat: 1

Nigel, Welgelegen Dierekliniek

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1, Sheep: 1, Goat: 1

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2, Sheep: 2, Goat: 2

Free State **Bultfontein, Greylingsrust Dierespreekkamer** Sheep: 3 Foot rot Clocolan, Clocolan Dierekliniek Beef: 3, Dairy: 3, Sheep: 3 **Dewetsdorp, Platkop Dierekliniek** Beef: 3, Sheep: 3 Harrismith, Harrismith Dierehospitaal Beef: 3, Sheep: 3 Ladybrand, Ladybrand Sheep: 3 **Memel, Memel Veterinary Clinic** Sheep: 3 Parys, Parys Dierehospitaal Beef: 2 Reitz, Riemland Dierehospitaal Beef: 3, Dairy: 3, Sheep: 3 Smithfield, Dr Nienke van Hasselt SV Sheep: 3 Foot rot sheep, 3 outbreaks, 220 cases Viljoenskroon, Viljoenskroon Dierekliniek Beef: 3 Vrede, Vrede Dierehospitaal Sheep: 2 Kwazulu-Natal Camperdown, Camperdown Vet Clinic **Mooi River, Mooirivier Vet Clinic** Beef: 3, Sheep: 3 **Newcastle, Ncanduvet Newcastle** Beef: 1 Pietermaritzburg, Richmond Veterinary Clinic **Underberg, Underberg Veterinary Surgery** Dairy: 3 Foot problems seasonal Sheep: 3 **Eastern Cape Graaff-Reinet, Graaff Reinet Veterinary Clinic** Sheep: 2, Goat: 2 Middelburg (EC), Steynsburg Dierehospitaal Sheep: 3 Foot abscesses Goat: 3 Foot abscesses **Western Cape** Caledon, Caledon Dierekliniek Dairy: 2 **Ceres, Ceres Veterinary Hospital** Beef: 2 Six cattle with sore feet - few drops of rain George, George Animal Hospital Dairy: 2 Malmesbury, Dr Otto Kriek

Malmesbury, Malmesbury Dierehospitaal Dairy: 3 Riversdale, Riversdal Dierekliniek Dairy: 3 Riversdale, Riversdal Dierekliniek Dairy: 3 Ruserdale, Riversdale, Riversdale, Riversdale, Dairy: 3 Ruserdale,	D.: 1											
Dairy: 3 Riversdale, Riversdal Dierekliniek Dairy: 3 Roviner Cape Kuruman, Kuruman Dierekliniek Beef: 3 Lung infection PROVINCE Mpumalanga Gauteng Limpopo West State Natal Eastern Cape Cape Cape Average 3.0 (3) 1.7 (3) 1.5 (2) 2.5 (4) 2.8 (16) 2.3 (4) 1.5 (2) 1.7 (6) 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 (2) 1.5 (2) 1.0 (1) 2.3 (3) 2.7 (7) 2.5 (2) 2.0 (1) 1.0 (1) Dairy 2.0 (2) 2.5 (3) 3.0 (1) 2.0 (2) Sheep 3.0 (1) 2.0 (1) 2.0 (1) 3.0 (1) 2.9 (7) 1.0 (1) 1.7 (3) 2.5 (2) Goat Mpumalanga Grootvlei Dierekliniek Beef: 3 Myumalanga Grootvlei Dierekliniek Beef: 3 Nigel, Welgelegen Dierekliniek Beef: 1 Nigel, Welgelegen Dierekliniek Beef: 1 Nigel, Welgelegen Dierekliniek Beef: 1 Dexter calf, recovered Makhado, Blouberg Dierehospitaal Beef: 2 Pasteurellosis North West Kierksdorp, Klerksdorp Dierehospitaal Beef: 1 Leeudoringstad, Leeudoringstad Dierekliniek	Dairy: 1											
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Ruruman, Kuruman Dierekliniek Beef: 3 Lung infection PROVINCE Mpumalanga Gauteng Limpopo West State State Wazulus Cape Western Cape Cape Average 3.0 (3) 1.7 (3) 1.5 (2) 2.5 (4) 2.8 (16) 2.3 (4) 1.5 (2) 1.7 (6) 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 (2) 1.5 (2) 1.0 (1) 2.3 (3) 2.7 (7) 2.5 (2) 2.0 (1) 1.0 (1) Dairy 2.0 (2) Sheep 3.0 (1) 2.0 (1) 2.0 (1) 3.0 (1) 2.9 (1) 3.0 (1) 2.9 (1) 1.0 (1) 2.0 (2) Sheep 3.0 (1) 2.0 (1) 2.0 (1) 3.0 (1) 2.9 (1) 1.0 (1) 1.0 (1) 1.0 (1) Mpumalanga Grootvlei Dierekliniek Beef: 3 Sheep: 3 Gauteng Bapsfontein Dierehospitaal Beef: 3 Sheep: 3 Gauteng Bapsfontein Dierehospitaal Beef: 1 Debeter calf, recovered Makhado, Blouberg Dierekliniek Beef: 1 Debeter calf, recovered Makhado, Blouberg Dierehospitaal Beef: 1 Debeter calf, recovered Makhado, Blouberg Dierehospitaal Beef: 1 Debeter calf, recovered Makhado, Blouberg Dierehospitaal Beef: 1 Leudoringstad, Leeudoringstad Dierekliniek Beef: 3 Sheep: 2 Pasteurellosis North West Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Leeudoringstad, Leeudoringstad Dierekliniek Beef: 3 Sheep: 2 Pasteurellosis North West Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Leeudoringstad, Leeudoringstad Dierekliniek												
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Dairy		ortance scale: 1	= one case	e, 2 = more	than one		ut less than te	en and 3 =	more than 1	0 cases		
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Sheep: 2 Pasteurellosis North West Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Leeudoringstad, Leeudoringstad Dierekliniek Beef: 3												
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North West Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Leeudoringstad, Leeudoringstad Dierekliniek Beef: 3												
Klerksdorp, Klerksdorp Dierehospitaal Beef: 1 Leeudoringstad, Leeudoringstad Dierekliniek Beef: 3												
Beef: 1 Leeudoringstad, Leeudoringstad Dierekliniek Beef: 3												
Leeudoringstad, Leeudoringstad Dierekliniek Beef: 3												
Beef: 3												
Pasteurella multocida and Mannheimia haemolytica	Beef: 3	,										
	Pasteurella m	nultocida and Ma	annheimia l	naemolytica								

Sheep: 3 Vryburg, Molopo Dierespreekkamer Beef: 3 **Free State** Clocolan, Clocolan Dierekliniek Beef: 3, Dairy: 3, Sheep: 3 Harrismith, Harrismith Dierehospitaal Beef: 3, Sheep: 3 **Hoopstad, Hoopstad Dierekliniek** Beef: 3, Sheep: 3 Kroonstad, Kroonstad Dierehospitaal Dairy: 2 Ladybrand, Ladybrand Sheep: 3 Parys, Parys Dierehospitaal Beef: 2 Viljoenskroon, Viljoenskroon Dierekliniek Beef: 3, Sheep: 3 Villiers, Wilgepoort Dierekliniek Vennootskap Beef: 2, Sheep: 2 Vrede, Vrede Dierehospitaal Beef: 3, Sheep: 3 Kwazulu-Natal Bergville, Tugela Vet Clinic Beef: 3 **Dundee, Endumeni Herd health** Beef: 2 **Howick, Howick Veterinary Clinic** Dairy: 3 Pongola, Pongola Animal Clinic Sheep: 1 **Eastern Cape Graaff-Reinet, Camdeboo Veterinary Clinic** Port Alfred, Port Alfred Veterinary Clinic Beef: 2 Shawpark one case; Southwell one case **Western Cape Darling, Tygerberg Dierehospitaal Darling** Sheep: 1 Pneumonia due to dusty conditions around feed troughs George, George Animal Hospital Sheep: 2 Malmesbury, Dr Otto Kriek Dairy: 2 Associated with the time of year. Malmesbury, Groenkloof Dierekliniek Malmesbury, Malmesbury Dierehospitaal Dairy: 2, Sheep: 2 **Northern Cape** Calvinia, Calvinia Veeartskliniek Sheep: 3 **Pasteurellosis**

Kimberley, Kimberley Dierekliniek

Goat: 1 Kuruman, Kuruman Dierekliniek												
Sheep: 2		KIIIIICK										
	n general								^			
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape			
Average	1.5 (2)	1.0 (1)		2.0 (3)	2.0 (2)	2.0 (1)	2.0 (2)	2.3 (9)				
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	case bu	ut less than te	n and 3 = 1	more than 1	0 cases			
Beef	20 20											
Dairy		1.0(1)			2.0 (1)		2.0 (2)	2.6 (7)				
Sheep	2.0(1)			2.0(1)				1.5 (2)				
Mpumalang												
	irootvlei Diere	kliniek										
Sheep: 2												
	, Middelburg I	Dierehosp	itaal									
Beef: 1												
Gauteng	raal Thombs (Amimal Cli	nia									
Dairy: 1	raal, Themba <i>l</i>	Animai Cii	піс									
North West												
	Christiana Die	rehosnita	al									
Beef: 2		Cirospica										
	Klerksdorp Di	erehospit	aal									
Beef: 2, Shee												
Free State	•											
Clocolan, Cl	ocolan Dierek	liniek										
Dairy: 2												
	s Dierehospita	al										
Beef: 2	4-1											
Kwazulu-Na		nimal Clim	ic									
Beef: 2	Mtubatuba Ar	IIIIIai CIIN	ıc									
Eastern Cap	e e											
	Alexandria Pla	atteland S	preekkam	er								
Dairy: 2												
•	, Tenax Vet Cli	inic										
Dairy: 2												
Western Ca	•											
	verberg Veteri	nary Hosp	ital									
Dairy: 2	numa Amiusal II	00m!+-1										
	orge Animal H	ospitai										
Dairy: 3	,, Bergzight Di	ierehoenit	aal									
Dairy: 2	y, bergzigiit Di	iei eiiospit	aaı									
	, Dr Otto Krie	k										
aicsbul	,, D. July Kile	••										

Dairy: 3	,, Malmesbury	Dierehoo	nitaal						
Dairy: 3, She		Diereilos	pitaai						
	Riversdal Dier	ekliniek							
Dairy: 2, She	ep: 1 1 , Swellendam	Dierehos	nitaal						
Dairy: 3	i, Swellendam	Dictellos	picaai						
Navel III									
ivavei III		1	1						-
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (3)		1.0 (1)	1.0 (1)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases
Beef					2.0 (1)		1.0 (1)		
Dairy					(1)			1.0(1)	
oun y					2.0			1.0 (1)	
Sheep					(2)				
Beef: 1	Port Alfred Vene case Martinda		Clinic						
	h, Stellenbosc	h Animal	Hospital						
Dairy: 1									
Red gut (Sheep)								
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northerr Cape
Average	2.0 (1)				3.0 (1)		1.0 (1)		
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bi	ut less than te	en and 3 =	more than 1	0 cases
reported					3.0				
Sheep	2.0 (1)				(1)				
•	2.0 (1)						1.0(1)		

Sheep: 2									
ree State									
	Harrismith Die	erehospita	aal						
Sheep: 3									
astern Cap		Vatarina	ar Climia						
эгаап-кеіп Goat: 1	et, Camdeboo	veterinai	y Clinic						
Trauma									_
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 imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef		1.0 (1)			1.0 (1)				
Sheep									2.0 (1)
Gauteng									
	raal, Themba <i>F</i>	Animal Cli	nic						
Beef: 1 Free State									
	e Dierehospita	aal							
Beef: 1									
Northern Ca	-								
	Karoo Veterina	ary Hospit	al						
Sheep: 2 Dosing traum	a leading to fore	eian hody r	neumonia.	clinical si	ian bottle	e iaw			
	ia reading to rore	cigii boay p	ricamonia,	ciii iicai si	igii botti	o jarr			
Downer									_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average			1.0 (1)		2.0 (2)	2.0 (2)		1.7 (3)	1.0 (1)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Beef			1.0(1)		2.0 (2)	2.0 (1)		1.0 (1)	1.0 (1)
Dairy						2.0 (1)		2.0 (2)	
Limpopo									
	rtemis Veterir	nary Servi	ces						
Beef: 1 Calf. weak. d	ied; mucous in s	small intest	ine						
ree State	ica, macous in s	man intest							
	ocolan Dierek	liniek							
Beef: 2									

	Marrismith Die	erehospita	aal						
Beef: 2		Степоорга	uu.						
Kwazulu-Na	tal								
	wick Veterinar	v Clinic							
Beef: 2, Dairy		y Cillic							
Western Ca _l									
		U	:4-1						
	erberg Veterii	nary Hosp	ıtaı						
Dairy: 2									
	, Bergzight Di	erenospit	aaı						
Beef: 1									
•	Riversdal Dier	ekliniek							
Dairy: 2									
Northern Ca	•								
Kuruman, K Beef: 1	uruman Diere	kliniek							
Traumati	c Reticulo-p	ericard	itis						_
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 imported	ortance scale: 1	= one case	e, 2 = more	than one	e case b	ut less than te	en and 3 =	more than 1	0 cases
Beef	1.0(1)						1.0(1)		
Mpumalang:	a								
Middelburg Beef: 1 Eastern Cap Humansdor	, Middelburg I								
Middelburg Beef: 1 Eastern Cap	, Middelburg [e								
Middelburg Beef: 1 Eastern Cap Humansdor Beef: 1 Other	, Middelburg [e	p Veterina	ary Clinic	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Middelburg Beef: 1 Eastern Cap Humansdor Beef: 1 Other	, Middelburg I e p, Humansdor	p Veterina	ary Clinic		State				_
Middelburg Beef: 1 Eastern Cap Humansdor Beef: 1 Other PROVINCE Average	, Middelburg I e p, Humansdor	p Veterina Gauteng	ary Clinic	West 2.5 (2)	State	Natal	Cape	Cape	Cape
Middelburg Beef: 1 Eastern Cap Humansdor Beef: 1 Other PROVINCE Average Level of imporeported Beef	, Middelburg I e p, Humansdor Mpumalanga	Gauteng 1.0 (2) = one case 1.0 (1)	ary Clinic	2.5 (2) than one 2.0 (1)	State e case b	Natal	Cape	Cape	Cape
Middelburg Beef: 1 Eastern Cap Humansdorn Beef: 1 Other PROVINCE Average Level of impore reported Beef	, Middelburg I e p, Humansdor Mpumalanga	Gauteng 1.0 (2) = one case	ary Clinic	West 2.5 (2) than one	State e case b	Natal	Cape	Cape	Cape
Middelburg Beef: 1 Eastern Cap Humansdorn Beef: 1 Other PROVINCE Average Level of imporeported Beef Sheep Gauteng Pretoria, An Sheep: 1	, Middelburg I e p, Humansdor Mpumalanga ortance scale: 1	Gauteng 1.0 (2) = one case 1.0 (1) 1.0 (1)	Limpopo e, 2 = more	2.5 (2) than one 2.0 (1) 3.0 (1)	State e case b	Natal	Cape	Cape	Cape
Middelburg Beef: 1 Eastern Cap Humansdor Beef: 1 Other PROVINCE Average Level of impore reported Beef Sheep Gauteng Pretoria, An Sheep: 1 Rectal prolaps Pretoria, On	, Middelburg I e p, Humansdor Mpumalanga ortance scale: 1	Gauteng 1.0 (2) = one case 1.0 (1) 1.0 (1) y Consulting	Limpopo e, 2 = more	2.5 (2) than one 2.0 (1) 3.0 (1)	State e case b	Natal ut less than to	Cape en and 3 =	Cape	Cape
Middelburg Beef: 1 Eastern Cap Humansdor Beef: 1 Other PROVINCE Average Level of impore reported Beef Sheep Gauteng Pretoria, An Bheep: 1 Rectal prolaps Pretoria, On Beef: 1	, Middelburg I e p, Humansdor Mpumalanga ortance scale: 1 ima Veterinar derstepoort A	Gauteng 1.0 (2) = one case 1.0 (1) 1.0 (1) y Consulting	Limpopo e, 2 = more	2.5 (2) than one 2.0 (1) 3.0 (1)	State e case b	Natal ut less than to	Cape en and 3 =	Cape	Cape
Middelburg Beef: 1 Eastern Cap Humansdor Beef: 1 Other PROVINCE Average Level of imporeported Beef Sheep Gauteng Pretoria, An Sheep: 1 Rectal prolaps Pretoria, On Beef: 1 Dislocated hip	, Middelburg I e p, Humansdor Mpumalanga ortance scale: 1 ima Veterinar derstepoort A	Gauteng 1.0 (2) = one case 1.0 (1) 1.0 (1) y Consulting	Limpopo e, 2 = more	2.5 (2) than one 2.0 (1) 3.0 (1)	State e case b	Natal ut less than to	Cape en and 3 =	Cape	Cape
diddelburg Beef: 1 Bastern Cap Humansdor Beef: 1 Other PROVINCE Average Level of impore reported Beef Sheep Gauteng Pretoria, And Beef: 1 Dislocated hip North West	, Middelburg I e p, Humansdor Mpumalanga ortance scale: 1 ima Veterinar derstepoort A	Gauteng 1.0 (2) = one case 1.0 (1) 1.0 (1) y Consulting	Limpopo e, 2 = more	2.5 (2) than one 2.0 (1) 3.0 (1)	State e case b	Natal ut less than to	Cape en and 3 =	Cape	Cape

Choops 2									
Sheep: 3	s, Dorpers in fee	adlot							
	a Dierekliniek	culot							
Beef: 2	a Diciekiiiiek								
	ocution, 7 cattle	died							
Metaboli	ic Diseases	;							
Acidosis									^
				l e					
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		3.0 (1)			2.3 (4)			1.6 (5)	
Level of impo	ortance scale: 1	= one case	e, 2 = more	than one	e case bi	ut less than te	en and 3 =	more than 1	0 cases
Beef					2.3 (3)			1.0 (1)	
Dairy						_		3.0 (1)	
Sheep		3.0 (1)			2.0 (1)			1.3 (3)	
Gauteng						_			
Pretoria, On	derstepoort A	cademic I	Hospital a	nd Prod	uction A	nimal Clinic			
Sheep: 3									
Free State									
	ocolan Dierek	liniek							
Beef: 2									
	Harrismith Die	erehospita	aal						
Beef: 2, Shee		- l-4l-							
	shoek Dierepr	актук							
Beef: 3 Nestern Ca j									
	pe (WC), Heidelb	era Dierel	diniek						
Sheep: 1	(· · · ·), Heldelb	CI & DIEIGI	EK						
	, Malmesbury	Dierehos	nitaal						
Dairy: 3, Shee									
	h, Stellenbosc	h Animal	Hospital						
Beef: 1, Shee	•								
									^
Displaced	l abomasun								
	abomasun Mpumalanga		Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
PROVINCE			Limpopo						
PROVINCE Average Level of impo		Gauteng		West	State	Natal 2.0 (1)	Cape	2.0 (1)	Саре
PROVINCE Average	Mpumalanga	Gauteng		West	State	Natal 2.0 (1)	Cape	2.0 (1)	Саре

Dairy: 2 Vestern Ca p									
	,, Malmesbury	Dierehos	pitaal						
Dairy: 2									
Ketosis									4
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				1.7 (3)			2.3 (3)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bi	ut less than te	en and 3 =	more than 1	0 cases
Dairy								3.0 (1)	
Sheep	1.0 (1)				1.7 (3)			2.0 (2)	
heep: 1 Free State Bultfontein,	rootvlei Diere Greylingsrust		eekkamer						
Sheep: 1									
locolan, Cl	ocolan Dierek	liniek							
Sheep: 2									
	land Dierehos	pitaal							
Sheep: 2									
Vestern Ca									
	erberg Veteri	nary Hosp	ital						
Sheep: 2									
	, Malmesbury	Dierehos	pitaal						
Dairy: 3, Shee	ep: 2								
Milk Feve	er								-
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
						Ivacai	Cape	Cupc	Cupe
Average	1.0 (1)				1.5 (2)	3.0 (1)	1.0 (1)		Сирс
	1.0 (1) ortance scale: 1	= one case	e, 2 = more	than one	1.5 (2)	3.0 (1)	1.0 (1)	2.5 (2)	
Level of impo		= one case	e, 2 = more	than one	1.5 (2)	3.0 (1)	1.0 (1)	2.5 (2)	
Level of imporeported	ortance scale: 1	= one case	e, 2 = more	than one	1.5 (2) e case bu	3.0 (1)	1.0 (1) en and 3 =	2.5 (2)	
Level of imporeported	ortance scale: 1	= one case	e, 2 = more	than one	1.5 (2) e case bu	3.0 (1) ut less than to	1.0 (1)	2.5 (2)	

Grootvlei, Grootvlei Dierekliniek Beef: 1 **Free State** Harrismith, Harrismith Dierehospitaal Beef: 1 Ladybrand, Ladybrand Sheep: 2 Kwazulu-Natal **Howick, Howick Veterinary Clinic** Dairy: 3 **Eastern Cape** Kareedouw, Tenax Vet Clinic Dairy: 1 **Western Cape** Malmesbury, Malmesbury Dierehospitaal Dairy: 3, Sheep: 2 Reproductive diseases **Dystocia (Difficult Births)** North Free Kwazulu-Eastern Western Northern **PROVINCE Mpumalanga Gauteng Limpopo** West State Natal Cape Cape Cape 1.9 **Average** 1.8 (6) 1.3 (4) 1.0(3)2.8(4)2.1 (8) 1.5 (4) 1.7(15)1.5 (2) (22)Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported 1.8 Beef 1.5(2) 1.0(1) 2.3 (3) 1.5 (4) 1.6 (5) 1.8 (5) 1.5(2) (12)1.5 **Dairy** 2.3 (3) 1.5 (8) (2) 2.1 3.0(1) 1.0(2)1.0(1) 1.5 (2) 2.0(2)Sheep (8)Goat 1.0(1)**Mpumalanga** Bethal, Bethal Dierekliniek Beef: 1 Ermelo, Môregloed Veterinêre Spreekkamer Beef: 2, Sheep: 3 Grootvlei, Grootvlei Dierekliniek Beef: 2 Middelburg , Middelburg Dierehospitaal Volksrust, Cape Cross Volksrust Dierehospitaal Beef: 1 Gauteng **Bronkhorstspruit, Kerkstraat Dierekliniek Pretoria, Anima Veterinary Consulting Rooms** Sheep: 1

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic Beef: 1, Sheep: 1 Limpopo Polokwane, Pietersburg Veterinary Clinic Beef: 1, Sheep: 1, Goat: 1 **North West** Christiana, Christiana Dierehospitaal Beef: 3 Klerksdorp, Klerksdorp Dierehospitaal Beef: 3 Leeudoringstad, Leeudoringstad Dierekliniek Beef: 3 Vryburg, Molopo Dierespreekkamer Beef: 2 Free State **Bethlehem, Freestate Bethlehem SV** Beef: 1, Sheep: 1 **Bultfontein, Greylingsrust Dierespreekkamer** Harrismith, Harrismith Dierehospitaal Beef: 3, Sheep: 3 Hertzogville, Hertzogville Dierekliniek Beef: 2 Hoopstad, Hoopstad Dierekliniek Beef: 1, Sheep: 3 Kroonstad, Kroonstad Dierehospitaal Beef: 2, Dairy: 2, Sheep: 2 **Memel, Memel Veterinary Clinic** Beef: 2 **Reitz, Riemland Dierehospitaal** Beef: 2, Sheep: 2 Viljoenskroon, Viljoenskroon Dierekliniek Beef: 2, Sheep: 2 Villiers, Wilgepoort Dierekliniek Vennootskap Beef: 2, Sheep: 2 Vrede, Saulshoek Dierepraktyk Beef: 1 Vrede, Vrede Dierehospitaal Beef: 2, Sheep: 2 Wesselsbron, Wesselsbron Dierekliniek Dairy: 1 Kwazulu-Natal Camperdown, Camperdown Vet Clinic **Dundee, Endumeni Herd health** Beef: 2 **Howick, Howick Veterinary Clinic** Dairy: 3 **Mooi River, Mooirivier Vet Clinic** Dairy: 2 Six cases Mtubatuba, Mtubatuba Animal Clinic Beef: 2 **Newcastle, Ncanduvet Newcastle**

Beef: 3, Sheep: 2

	Underberg Ve	terinary S	Surgery						
Dairy: 2									
Eastern Cap									
	h, Hertzogbrug	g Diereklii	niek						
Beef: 1									
	(EC), Steynsb	urg Diere	hospitaal						
Beef: 3									
	n, Queenstowi	n Veterina	ry clinic						
Beef: 1									
	Witelsbos Vete	erinary Co	nsulting R	ooms					
Beef: 1									
Western Ca	•								
	erberg Veterii	nary Hosp	ital						
Dairy: 1									
	s Veterinary H	ospital							
Beef: 2									
	orge Animal H	ospital							
Dairy: 1	(14/6)								
	(WC), Heidelb	erg Dierel	kliniek						
Dairy: 1	B		•						
	y, Bergzight Di	erenospit	aaı						
	y: 2, Sheep: 2	•							
	y, Dr Otto Krie	K							
Dairy: 1	N4 - 1 1-	D'	."1 1						
	y, Malmesbury	Dierenos	рітааі						
	y: 2, Sheep: 2	D: I-I!!	-1-						
	, Oudtshoorn	Dierekiini	ек						
Beef: 2	Diversal Dies	مادا:ساماد							
·	Riversdal Dier	екипіек							
Beef: 1, Dair		D:b	!						
	n, Swellendam	Dierenos	pitaai						
Dairy: 2									
Northern Ca									
Beef: 1	u Dierekliniek								
	rg, Postmasbu	ra Diorokl	liniak						
Beef: 2	rg, Postmasbu	rg Diereki	шек						
beer. Z									
Endomet	ritis								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (1)	3.0 (1)		2.3 (7)	
Level of impreported	ortance scale: 1	= one case	e, 2 = more	than on	e case b	ut less than to	en and 3 =	more than 1	0 cases
Beef					2.0 (1)				
Dairy						3.0 (1)		2.3 (7)	
Free State									
	Harrismith Die	erehospita	aal						
,									

Beef: 2									
Kwazulu-Na	atal								
	wick Veterinar	y Clinic							
Dairy: 3		-							
Western Ca	ре								
	ledon Dierekli	niek							
Dairy: 2									
	erberg Veterii	nary Hosp	ital						
Dairy: 1									
	(WC), Heidelb	erg Dierel	kliniek						
Dairy: 2	• •								
Malmesbury	y, Bergzight Di	erehospit	aal						
Dairy: 3									
Malmesbury	y, Malmesbury	Dierehos	pitaal						
Dairy: 3									
Riversdale,	Riversdal Dier	ekliniek							
Dairy: 2									
Swellendan	n, Swellendam	Dierehos	pitaal						
Dairy: 3									
Metritis									_
DROVINCE	Mpumalanga	Gautona	Limpono	North	Free	Kwazulu-	Eastern	Western	Northern
PROVINCE	Mpullialaliga	Gauteng	Lillipopo	West	State	Natal	Cape	Cape	Cape
_				2.0.(1)	2.0	2.0 (1)	2.0 (1)	0.0 (5)	
Average				2.0(1)	(4)	3.0 (1)	3.0 (1)	2.2 (5)	
					(+)				
Level of imp	ortance scale: 1	- one case	2 – more	than one	case hi	ut less than te	n and 3 –	more than 1	n cases
reported	ortance scale. 1	- one case	., 2 – 111010	chan one	cuse b	at icss than to	in unu 5 –	more than 1	o cases
reported									
Beef				2.0(1)	2.0				
Deei				2.0 (1)	(2)				
					2.0				
Dairy						3.0(1)	3.0 (1)	2.2 (5)	
_					(2)	` /		(/	
North West									
	Christiana Die	rehospita	al						
Beef: 2									
Free State									
Harrismith,	Harrismith Di	erehospita	aal						
Beef: 2									
	Kroonstad Die	rehospita	al						
Dairy: 2									
	s Dierehospita	al							
Beef: 2									
	nekal Dierekli	niek							
Dairy: 2									
Kwazulu-Na									
	wick Veterinar	y Clinic							
Dairy: 3									
Eastern Cap									
	, Tenax Vet Cli	nic							
Dairy: 3									
Western Ca	pe								

Dairy: 2	ledon Dierekli	піек							
	, Dr Otto Krie	k							
Dairy: 1									
Malmesbury	,, Malmesbury	Dierehos	pitaal						
Dairy: 3									
	Riversdal Dier	rekliniek							
Dairy: 2									
	ı, Swellendam	Dierehos	pitaal						
Dairy: 3									
Poor cond	ception								4
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)				2.2 (5)	2.7 (3)		2.0 (5)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	than on		ut less than to	en and 3 =	more than 1	0 cases
Beef	1.5 (2)				2.2 (5)	2.5 (2)			
Dairy						3.0 (1)		1.8 (4)	
Sheep								3.0 (1)	
Mpumalang	2								
	, Middelburg I	Dierehosn	itaal						
Beef: 1	,								
Volksrust, C	Cape Cross Vol	ksrust Die	rehospita	al					
Beef: 2			•						
Free State									
Clocolan, Cl	ocolan Dierek	liniek							
Beef: 2									
	Harrismith Di	erehospita	aal						
Beef: 3									
Ladybrand,	Ladybrand								
Beef: 2	gepoort Dierel	klimiak Va							
Villiers, Wilg Beef: 2	gepoort Dierei	kiiniek ve	ппоосѕкар	,					
	e Dierehospita	ادد							
Beef: 2	e Dicienospia	uui							
Kwazulu-Na	ntal								
	dumeni Herd l	nealth							
Beef: 2									
	wick Veterina	ry Clinic							
Dairy: 3									
Dietermerit	zburg, Richmo	nd Veteri	nary Clinic						
Beef: 3		t harde da	wn by abou	t 10% -	many co	ws conceived	later in the	breeding se	ason
Beef: 3 In general, co	onception of bee	ei neius uo	5, 4564						
Beef: 3 In general, co Western Ca	ре								
Beef: 3 In general, co Western Ca									

Dairy: 2									
Malmesbury	, Dr Otto Krie	k							
Dairy: 1	-								
Malmesbury	y, Malmesbury	Dierehos	pitaal						
Dairy: 2									
Vredenburg	, Vredenburg	Dierehosp	itaal						
Sheep: 3									
Due to droug	ht conditions, ve	ery low per	centage of	twinning					
Retained	afterbirth								^
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)	2.0 (2)		2.2 (6)	2.0 (1)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than one	e case bi	ut less than te	en and 3 =	more than 1	0 cases
Beef		1.0(1)		2.0 (1)	1.5 (2)			1.5 (2)	
Dairy						2.0 (2)		2.5 (4)	
Goat									2.0(1)
Gauteng									()
	raal, Themba A	Animal Cli	nic						
Beef: 1	iaai, ilieliiba i	Allilliai Cii	IIIC						
North West									
	Christiana Die	rehosnita	al						
Beef: 2		· coop.tu	-						
Free State									
	, Greylingsrust	Dierespr	eekkamer						
Beef: 1	, ,,								
	Harrismith Die	erehospit	aal						
Beef: 2									
Kwazulu-Na	atal								
Dundee, En	dumeni Herd h	nealth							
Dairy: 1									
	wick Veterina	ry Clinic							
Dairy: 3									
Western Ca									
•	ledon Dierekli	niek							
Beef: 1									
	s Veterinary H	ospital							
Beef: 2			•						
	y, Bergzight Di	erehospit	aal						
Dairy: 1	, D. Otto V.:-	l.							
Maimesbury Dairy: 3	y, Dr Otto Krie	K							
	, Malmesbury	Dierehee	nitaal						
Dairy: 3	, maintespury	DIEI EIIUS	pitaai						
	n, Swellendam	Dierehos	nitaal						
Dairy: 3	., Strenendani	DICTETIOS	Picuui						
Northern Ca	ape								
	-								

Postmasbur Goat: 2	g, Postmasbu	rg Dierekl	iniek						
Sheath Pi	rolaps								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)			2.0 (1)	1.0 (2)		1.0 (1)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 = 1	more than 1	0 cases
Beef		1.0(1)			2.0 (1)	1.0 (2)		1.0 (1)	
	derstepoort A	cademic I	Hospital aı	nd Produ	ıction A	nimal Clinic			
Beef: 2	Harrismith Die	erehospita	aal						
Beef: 1	ital Mtubatuba Ar ngola Animal (ic						
Beef: 1 Western Ca j			pitaal						
Beef: 1			•						
Uterus pr	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (3)	1.0 (1)			1.3 (4)	1.5 (2)	1.0 (1)	1.2 (9)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	case bu	ut less than te	en and 3 = 1	more than 1	0 cases
Beef	1.0 (2)				1.5 (2)	2.0 (1)		1.0 (3)	
Dairy					4.0	1.0 (1)		1.3 (4)	
Sheep	1.0(1)	1.0(1)			1.0 (2)		1.0(1)	1.5 (2)	
Sheep: 1	a nal Diereklinie rootvlei Diere								

Beef: 1									
Gauteng									
	nima Veterinar	v Consult	ina Pooms						
Sheep: 1	illia veterillai	y Consuit	ing Rooms	•					
Free State									
	Harrismith Di	orobocnit [,]	I						
Beef: 2	חמווואווונוו טוי	erenospia	aaı						
		D: - -	: - ! -						
	e, Hertzogville	Dierekiin	іек						
Beef: 1	In a sector of Diagram	- - !!- -							
	loopstad Diere	ekiiniek							
Sheep: 1	/		_1						
	Kroonstad Die	renospita	aı						
Sheep: 1									
Kwazulu-Na		111.							
	dumeni Herd l	neaith							
Dairy: 1		0 11 1							
	wick Veterina	ry Clinic							
Beef: 2									
Eastern Cap									
	h, Hertzogbrug	g Diereklii	niek						
Sheep: 1									
Western Ca	•								
	erberg Veteri	nary Hosp	ital						
Beef: 1									
	s Veterinary H	ospital							
Sheep: 2									
	th torsion of the								
	(WC), Heidelb	erg Diere	kliniek						
Dairy: 1									
	y, Malmesbury	Dierehos	pitaal						
Dairy: 1									
	Riversdal Dier	ekliniek							
Dairy: 1, She									
	h, Stellenbosc	h Animal	Hospital						
Beef: 1									
Beef: 1, Dair	n , Swellendam y: 2	Dierehos	pitaal						
Vaginal (Cervical) pr	olaps							^
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)		1.8 (4)	
Level of impereported	ortance scale: 1	= one case	e, 2 = more	than on	e case bu	ıt less than te	en and 3 =	more than 1	0 cases
Beef	1.0 (1)				1.5 (2)	2.0 (1)			
Dairy							_	2.0 (1)	
Sheep					2.0 (1)			1.7 (3)	

Mpumalang	а									
	Grootvlei, Grootvlei Dierekliniek									
Beef: 1										
Free State										
Beef: 2	Harrismith, Harrismith Dierehospitaal									
	loopstad Diere	kliniek								
Sheep: 2	loopstau Diele	SKIIIICK								
	shoek Dierepra	aktyk								
Beef: 1	Silvek Dielepi	акцук								
Kwazulu-Na										
		ar Climia								
	Howick, Howick Veterinary Clinic									
Beef: 2										
Western Ca										
	ledon Dierekli	niek								
Sheep: 2										
	erberg Veterii	nary Hosp	ital							
Sheep: 1			•							
	,, Groenkloof I	Diereklini	ek							
Sheep: 2										
	n, Swellendam	Dierehos	pitaal							
Dairy: 2										
Climatic	al Cause									
Cilillatic	ai Caasc									
Cold expo	osura								^	
Colu exp	JSuie								_	
				A1 - 11		17 - 1	F			
PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern	
				West	State	Natal	Cape	Cape	Cape	
Avorago					2.5					
Average					(2)					
Level of impo	ortance scale: 1	= one case	e, 2 = more	than on	e case bi	ut less than te	en and 3 =	more than 1	0 cases	
reported			•							
•										
Sheep					2.5					
Sileep					(2)					
Free State						•				
	ocolan Dierek	liniek								
Sheep: 3	Jesian Dielek	MICK								
	Harrismith Die	erehosnit:	aal							
Sheep: 2	namenium Di	ci ci iospita	aul							
эпеер. 2										
Drought									^	
				North	Free	Kwazulu-	Eastern	Western	Northern	
PROVINCE	Mpumalanga	Gauteng	Limpopo	West	State	Natal	Cape	Cape	Cape	
				TT CSL	State	Hatai	Cape	Cape	Cape	
								0.5		
Average								2.5 (4)		
Level of impo	ortance scale: 1	= one case	e, 2 = more	than on	e case b	ut less than te	en and 3 =	more than 1	0 cases	
LC V C. OI IIIIpo										
reported			,							
reported								2 () (1)	<u> </u>	
								2.0 (1)		

Sheep **Western Cape** Heidelberg (WC), Heidelberg Dierekliniek Dairy: 2, Sheep: 2 Swellendam, Swellendam Dierehospitaal Sheep: 3 Vredenburg, Vredenburg Dierehospitaal Sheep: 3 Scarse grazing. Green sprouts here and there. Han some rain: 5 to 10 mm per week. Lightning Kwazulu-North Free Eastern Western Northern **PROVINCE Mpumalanga Gauteng Limpopo** West State Natal Cape Cape Cape 1.7 1.0(1)1.0(1)2.0(2)2.0(1)**Average** (6)Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported 2.0(1) 2.0(1)Beef 1.0(1)1.0(1)Sheep 2.0(1)**Mpumalanga** Volksrust, Cape Cross Volksrust Dierehospitaal Beef: 2, Sheep: 2 **North West**

Christiana, Christiana Dierehospitaal

Beef: 2 Lightning 2 - G **Free State**

Free State

Clocolan, Clocolan Dierekliniek

Beef: 3

Memel, Memel Veterinary Clinic

Beef: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Vrede, Saulshoek Dierepraktyk

Beef: 1

Vrede, Vrede Dierehospitaal

Beef: 1

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Newcastle, Ncanduvet Newcastle

Beef: 1
Eastern Cape

Queenstown, Queenstown Veterinary clinic

Beef: 1

Frozen to death

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					3.0 (1)				
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Sheep					3.0 (1)				
Free State									
Clocolan, Cl Sheep: 3	ocolan Dierek	liniek							
Residues	5								
Drug resi	dues								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)				
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one	e case bu	ut less than te	en and 3 =	more than 1	0 cases
Dairy					1.0 (1)				
	ocolan Dierek	liniek							
Dairy: 1	cific diseas	es es							
Preditors	onic diocas								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					3.0 (2)			1.5 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep					3.0 (2)			2.0 (1)	
Goat								1.0(1)	
Free State									
Harrismith, Sheep: 3	Harrismith Die	erenospita	aal						

Philippolis,	Philippolis, Rowelsfontein veearts Spreekkamer								
Sheep: 3									
Western Cape									
	George, George Animal Hospital								
Sheep: 2									
	Stellenbosch, Stellenbosch Animal Hospital								
Goat: 1									
Honde									
Sabotation - Theft									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (2)		3.0 (2)	2.9 (8)	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)		3.0 (1)	(4)				
Dairy					3.0 (1)	2.0 (1)			
Sheep				3.0 (1)	3.0 (3)				
Goat		2.0(1)							
Gauteng									
Bronkhorstspruit, Kerkstraat Dierekliniek									
Beef: 2									
Hammanskr	aal, Themba <i>l</i>	Animal Cli	nic						
Goat: 2									
North West									
	stad, Leeudori	ngstad Di	erekliniek						
Beef: 3, Shee	p: 3								
Free State									
	ocolan Dierek	liniek							
	Beef: 3, Dairy: 3, Sheep: 3								
Harrismith, Harrismith Dierehospitaal									
Beef: 3, Sheep: 3									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2, Sheep: 3 Winburg, Winburg Dierekliniek									
	inburg Dierek	liniek							
Beef: 3									
Kwazulu-Natal Howick, Howick Veterinary Clinic									
	wick Veterinar	y Clinic							
Dairy: 2									
Trauma									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape

Average		1.7 (3)	1.0 (1)					
Level of imported	ortance scale: 1	= one case	e, 2 = more	than one case but less than ten and 3 = more than 10 cases				
Beef		1.0(1)	1.0(1)					
Goat		2.0 (2)						
Gauteng								
Hamman alman I Thamba Animal Clinia								

Hammanskraal, Themba Animal Clinic

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Laceration Goat: 2

Dog bite wounds

Limpopo

Bela Bela, Artemis Veterinary Services