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

January 2018

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

Click on Disease Reports

The following practices and laboratories (113) submitted reports during January 2017:

Mpumalanga (9)

Balfour - Dr. Louis van Jaarsveld

Bethal - Dr. Hardus Pieters

Ermelo - Drs. Potgieter and Steinberg

Karino – Dr. Silke Pfitzer

Malalane - Drs. Van Sittert and Van Sittert

Middelburg - Drs. Malan, Erasmus and Bernitz

Piet Retief - Drs. Niebuhr and Weber

Standerton - Dr. Kobie Kroon

Volksrust - Drs. Watson, Solomon and Blaauw

Gauteng (7)

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

Hammanskraal - Dr. Hentie Engelbrecht

Magaliesburg – Dr. Ryan Jeffery

Nigel – Dr. Cindy van der Westhuizen

Onderstepoort Veterinary Academic Hospital – Proff. Annandale, Shakespear, Hplm, 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 (7)

Lephalale (Ellisras) – Dr. Brigitte Luck

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

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

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 (9)

Brits - Drs. 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

Lichtenburg – Dr. Nelmarie Krüger-Rall

Stella - Dr. Magdaleen Vosser

Ventersdorp/ Koster – Dr. Nico Benadé

Vryburg – Dr. Jurie Kritzinger

Free State (23)

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

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

Reitz – Dr. Schabort Froneman

Senekal – Dr. Jan Blignaut

Smithfield – Dr. Nienke van Hasselt

Trompsburg – Dr. Wyn Irwin

Villiers - Drs. Hattingh and Hauptfleish

Vrede – Drs. Bester-Cloete and Myburgh

Wesselsbron - Dr. Johan Jacobs

Winburg – Drs. Albertyn and Albertyn

Zastron – Drs. Troskie and Strauss

KwaZulu-Natal (13)

Bergville - Dr. Ariena Shepherd

Bergville – Dr. Jubie Muller

Camperdown - Dr. Anthony van Tonder

Dundee – Drs. Marais, Fynn and Reynolds

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

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

Kokstad - Drs. Clowes and Shrives

Mtubatuba - Dr. Trever Viljoen

Newcastle – Dr. Barry Rafferty

Pietermaritzburg – Dr. Phillip Kretzmann

Pongola - Dr. Heinz Kohrs

Underberg - Drs. Collins, King and Delaney

Vryheid – Drs.Theron and Theron

Eastern Cape (13)

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

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

Jeffreys Bay – Drs. Lategan, Hoek and McFarlane

Port Alfred – Dr. Leon de Bruyn

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

Stutterheim - Dr. Dave Waterman

Uitenhage - Drs. Mulder and Krüger

Witelsbos - Dr. Elmien Kotze

Western Cape (18)

Beaufort West - Drs. Pienaar and Grobler

Caledon - Drs. Retief, Coetzer and Jansen

Caledon - Drs. Louw and Viljoen

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

Darling - Drs. Van der Merwe, Adam and Senekal

George - Drs. Strydom, Truter and Pettifer

Heidelberg – Dr. Albert van Zyl

Malmesbury – Dr. Otto Kriek

Malmesbury – Dr. Markus Fourie

Malmesbury - Dr. Andrie Lesch

Oudtshoorn – Dr. Glen Carlisle

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 - Drs. Van Zyl and Louw

Northern Cape (7)

Calvinia - Dr. Bertus Nel

De Aar - Dr. Donald Anderson

Kathu – Dr. Jan Vorster

Kimberley – Drs. Van Heerden and Swart

Kuruman – Dr. Gerhard v.d. Westhuizen

Postmasburg - Dr. Boeta van der Merwe

Upington – Drs. Vorster and Visser

Feedlots (1)

Drs. Morris and Du Preez

Laboratory reports (6)

Dr. Marijke Henton - Vetdiagnostix, Johannesburg

Dr. Alan Fisher - Queenstown Provincial laboratory

Dr. Last, Bosch and Williams - Vetdiagnostix, Pietermaritzburg

Dr. Liza du Plessis – Idexx, Onderstepoort

Dr. Emily Lane – National Zoological Gardens and Veterinary Faculty

Dr. Mark Chimes – Dairy Standards, George

Key Messages

2018 shall be the year that all cattle owners work together to make sure that all heifers between four and eight months are vaccinated against bovine brucellosis with either Strain 19 or RB 51. According to law this is compulsory!

If vaccinations are done, the shedding of brucellosis bacteria will dramatically be reduced!

Brucellosis in cattle is the Veterinary Strategy's Model disease. Do you know what VET stands for?

V = Vaccinate

E = Educate

T = Test

The following regarding vaccination is stated in the DAFF manual regarding vaccination against bovine brucellosis:

Strain 19 & RB51 are the only Brucella vaccines currently approved for use in cattle in South Africa. Statutory use of S19 is limited to the single inoculation of heifers between the ages of four to eight months. The use of S19 more than once in the same animal is illegal because of the persistent vaccine reactions that it causes. Booster vaccinations with RB51 vaccine as set out below will ensure an improved and more persistent immunity. No animal, except heifers between the ages of four to eight months of age, may be given S19 vaccine except with the written permission of the Provincial Director. The use of S19 in heifers under three months of age leads to poor development of immunity. The persistence of vaccination titres is linked to the age at inoculation and time of testing.

In heifers inoculated before 6 months of age and tested after 18 months of age, usually less than 0,5% should have troublesome titres. It is ideal to mark S19 vaccinated heifers. The older the heifer at inoculation and the younger she is tested, the greater the percentage with positive reactions to all tests. On an infected property heifers from positive dams have passive immunity for up to 5 months, which interferes with their active immunisation. On infected properties heifers should be vaccinated as soon after five months as possible. On clean farms the heifers should be vaccinated as soon after four months as possible. Early maturing breeds such as Jersey and other Channel Island Breeds should be inoculated as close as possible to four months of age to avoid persistent titres as a result of S19. No bulls of any age may be inoculated with S19 or RB51 as it can cause orchitis and infertility in males.

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

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

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

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

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

National Animal Health Forum

www.nahf.co.za

Read what the Forum is all about:

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

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

On the toolbar click on **Stakeholders** and you will find links to producer organizations and other organizations who are participating in the NAHF http://nahf.co.za/stakeholders/

Provincial Animal Health Forums have their own site – click on **Provinces** http://nahf.co.za/provinces/

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

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

Click on **Info centre** for more information on the "war" we have against Bovine Brucellosis. Please be up to date on the role all have to play to control this zoonotic disease. http://nahf.co.za/category/diseases/brucellosis/

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

This link will continuously be updated.

Information on **antibiotic resistance** is also available at this address: http://nahf.co.za/category/antibiotic-resistance/

Rural Veterinary Association of South Africa

www.ruvasa.co.za

Click on **Disease reporting** where maps and information can be sourced on the 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

Summary of disease report for January 2018

113 Reports from veterinary practices and laboratories were received (Mpumalanga (MP) 11; Gauteng (G) 7; Limpopo (L) 7; Northwest (NW) 9; Free State (FS) 23; KwaZulu-Natal (KZN) 13; Eastern Cape (EC 13); Western Cape (WC) 18: Northern Cape (NC) 7; Feedlots (FL) 1 and Laboratories (Lab) 6).

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	
Resistant roundworms	х	х	х	х	х	Х	Х		
Wireworm	х	х	х	Х	х	х	Х	Х	
Brown stomach-worm						Х		Х	
Long-necked bankruptworm									
Large-mouthed bowelworm									
Nodularworm									
Lungworm									
Eyeworm									
Parafilaria			х	Х		Х			
Tapeworms	х	х	х		х	Х	Х		х
Liver fluke	х	х			х	Х		Х	
Conical fluke	х			х	х	Х		Х	

Cysticercosis (measles)			х	Х	Х			х	Х
Schistosomiasis (bilharzia)									
Coccidiosis	х	х	х		Х	Х	х	Х	
Cryptosporidiosis	X	х			X				

Good rainfall occurred in most of the the summer rain fall area and parasite populations will increase. 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

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	
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		Х		Х
Sucking lice					х		Х		
Itch mites									
Sheep scab					х				
Mange mites		х							
Nuisance flies	х			Х	х	Х		Х	
Midges	х				х	Х		Х	
Mosquitoes									
Blowflies	х		х		х		х	Х	
Screw-worm	х		х				х		
Gedoelstia (uitpeuloogsiekte)									
Nasal bot	х	X			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. Active registered for controlling blue ticks are: macrocyclic lactones and fluazuron (acaracide growth regulator).

Tick numbers are increasing dramatically after the rains. 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	
Heartwater	х	х	х		х	Х	Х		
Lumpy skin disease	х	х	х	Х	х	Х	Х		х
Corridor disease									
Theileriosis									

Asiatic red water is spreading and is one of the deadliest diseases in cattle. On one dairy farm 20 dairy cows died of Asiatic red water. Twenty five susceptible Charolais cattle brought into an area where anaplosmosis was endemic contacted the disease and a few animals died in spite of treatment.

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.

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	х				

Insect transmittable diseases

The following insect transmittable diseases were reported by practicescondition 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
Ephemeral fever (Three day stiff sickness)	х	х	х	х	х	Х		х	х
Blue tongue		х		х		Х			
Rift Valley Fever									
Wesselsbron									
Nagana									

Rains have fallen in many parts of the summer rainfall area which predicts lots of insect vectors. During January disease outbreaks of insect transmittable diseases were reported. Standing water is the ideal breeding environment for mosquitoes, the carriers of Rift Valley Fever!

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	Х		
Vibriosis		х	х	Х	х	Х			
Pizzle disease	х	х	х		х	Х		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	
Botulism			х		х				х
Pulpy kidney	х	х	х		х	Х	х	х	
Lamb dysentery							х		
Swelled head	х	х	х	Х	х	Х	х		
Red gut (cattle)	х	х				Х			
Blood gut (sheep)	х			х				х	
Tetanus	х				X				
Salmonellosis						Х	х		
Bovine brucellosis	х		х	х	х				
Ovine brucellosis (Ram's disease)	х				Х				
Bovine tuberculosis									
Johne's								х	

Leptospirosis									
Listeriosis									
Pseudomonas									
Fusibacterium necrophorum		х			X	X			
Septicaemia				х		х		Х	
E. coli	х	х	х	Х	X	Х	Х		Х
Enzootic abortion									
Lumpy wool	х	х						Х	
Uterine gangrene									
Bovine dermatophilosis (Senkobo disease)									
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	
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Note: Vaccination does not mean freedom from Bovine Brucellosis as cattle can still be carriers

Please attach the most recent *Brucella* blood test certificate

Owner or authorised representative:
Signature:
Date:

** * Biosecurity

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

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

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

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

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		
	atement 8 and 9 apply only to already infected flocks, and such sheep can only be sold to ot		ected
	cks by law.		
	yers should consult their veterinary advisor before any purchases.		
	yar anada canada reasman yadhadi balara any paranasan		
Sig	nature Date	-	
NA	ME Farm:	_	
	District:		
	VNER OR AUTHORIZED PRESENTATIVE	_	
The	e use of this declaration is supported by the following organisations:	24	
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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				
Rabies (cattle)									
BVD		х			х			Х	
IBR		х	х		х			Х	
BRSV									
PI3									
Maedi visna virus									
Rotavirus / Coronavirus	Х								
Enzootic bovine leucosis (EBL)			х				х	Х	
Sheep leucosis									
Jaagsiekte				х					
Orf	х	х	х	х	х	Х		х	Х
Warts	Х	х		Х	х	X	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 tme.

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	Х		х	х	х			

Protozoal diseases

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

Toxicities

The following toxicities were reported by practices in the provinces:

Toxicities	MP	G	L	NW	FS	KZN	EC	wc	NC
Cardiac glycoside					х				
Slangkop									
Crotularia									
Gifblaar			х						
Gousiekte			х						
Cestrum (ink berry)				Х	х		Х		
Tulip									

	MP	G	L	NW	FS	KZN	EC	wc	NC
Cynanchum (bobbejaantou)								х	
Facial eczema		х						х	
Lantana		х	х			Х			
Prussic acid	х		х						
Senecio					х				
Cotula nigellifolia (stagger wood)									
Geeldikkop (duwweltjies)					х		х	х	х
Vermeersiekte	х				х				
Hertia pallens (Nenta, krimpsiekte)									
Chrysocoma ciliata (bitterbos)									
Solanum incanum (maldronksiekte)									
Gomphocarpus (Asclepias) fruticosus									
(milkweed)									
Bracken fern									
January bush (Gnidia polycephalatus)									
Chinkerenchee									
Eucalyptus (bloekom) bark									
Kikuyu									
Ryegrass									
Ganskweek									
Paspalum staggers									
Phalaris aquaticum (Phalaris staggers)									
Photosensitivity (Turknael, <i>Erodium</i>									
moschatum)									
Photosensitivity (Stellenbosch)									
Lusern									
Mycotoxicosis									
Aflatoxin									
Diplodiosis									
Lupins									
Harpuisbos								х	
Syringa berries									
Kraalbos, Geelbos (Galenia africana)									
Crotolaria									
Radish									
Carrot poisoning									
Onion poisoning									
Bracken fern									
Pollen beetle (Astylus atromaculatus)									
Water contamination									х
Nitrate						х			
Urea									х
Snake bite	х				х	х			
Moth cocoons (impaction)									
Blue green algae									
Copper									
Selenium									
Zinc									

Fluoride						
Lead		х				
Paraquat						
Phosamine						
Aldicarb						
Organophosphate						
Zinc phosphide						
Pyrethroid					Х	
Amitraz						
Levamisole						
Ivermectin						
Tilmicosin						
Bromoxynil nitrate						
Ionophor	х			X		
Нуро						
Monensin						Х
Diazinon					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*). Seventy Jersey heifers died when breaking into a camp where ink berries were growing.

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 poisonings 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 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	
Phosphate								Х	Х
Calcium						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
Iodine									
Copper						Х		х	
Zinc									
Selenium				Х					х
Magnesium		х							
Manganese									
Vitamin A				Х	х				
Vitamin B 1						Х	Х	Х	

There are antagonists such as calcium, iron and sulphur which hamper the uptake of microminerals. 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	
Stillbirths					х	х			
Abscesses	Х	х	x	Х	х	Х	Х	Х	Х
Intestinal ulcers									
Bladder stones –urolithiasis					х	Х			Х
Blindness					х				Х
Bloat	Х				х	Х		Х	Х
Blue udder	Х	х			х		Х	Х	
Diarrhoea	Х	х	х	Х	х	Х		Х	
Epididymitis	Х							х	
Eye cancer	Х	х		Х	х	х	х	Х	
Eye infections	Х	х		Х	х	Х	х	Х	х
Joint ill		х	х		х	Х	х	X	
Lameness/foot problems	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	
Navel ill	Х		х		х			Х	
Red gut (sheep, torsion of gut)								х	
Rectal prolaps									
Trauma					х	х		х	
Teeth wear									
Plastic bags (ingestion)									
Downer		х	х		х			Х	

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	Х	Х	Х	
Displaced abomasums					х	х		х	
Ketosis (Domsiekte)					Х			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	X		х	
Hydrops									
Metritis	х			х	х	х	х	х	
Poor conception					х	х		х	
Retained afterbirth	х		х	х	х	Х		х	
Sheath prolaps					х	Х			Х
Uterine prolaps		х			х			х	Х
Vaginal prolaps	х	х			х	Х		х	
Penis injury									
Orchitis									

Environmental conditions

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

Other conditions

	MP	G	L	NW	FS	KZN	EC	wc	NC
Drug residues (milk, meat, liver, kidney etc)									

Preditors		х		х			
Theft	Х			х	Х		
Traumatic pericarditis			х		Х		
(wire in fore stomachs)							
Trauma (fractures etc)		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

Alexandria – Dr. Johan Olivier
Karino – Dr. Silke Pfitzer
Lephalale – Dr. Brigitte Luck
George – Dr. Mark Chimes
Vryburg – Dr. Jurie Kritzinger
Vaalwater – Dr. Annemieke Müller
Vanderbijlpark – Dr. Kobus Kok
Wellington – Dr. William van Zyl

Equines

Free State Gariep Dam

Theileria equi, T. caballi – Arab horse (Bethulie)

Eastern Cape Port Alfred

Biliary - 2 cases (Kleinemond)

Foal Diarrhoea – E.coli 2 cases (Bathurst)

Northern Cape

Kimberley

Piroplasmosis - 1

Upington

Infarct of intestines – 1 R3 million stallion died. *Strongylus vulgaris* (blood worm) in artery causing thrombosis and infarct.

Game

Gauteng

Pretoria

Intestinal roundworms - 2 Bont tick – 3 Heartwater – 2

Abscesses – 2

Lameness - 2

Limpopo

Modimolle

Wound – Nyala with wound infested with screw-worm larvae

Wireworm infestation – Sable died, haematocrit of 8; one blesbok died of internal parasite infestation.

Mokopane

Blue ticks - 1

Heartwater tick - 1

Brown ear-ticks – 2

Bont-legged ticks - 1

Screw-worm - 1

Polokwane

Intestinal roundworms – 3

Resistant roundworms - 3

Brown ear-tick - 3

Bont-legged tick -3

Blackleg - 1

Coccidiosis - 1

Energy deficiency - 1

Selenium deficiency - 1

Diarrhoea - 1

Eye infection - 1

North West

Klerksdorp

Red-legged ticks – 2

Bont –legged ticks – 2

Lightning – Lions, two killed

Giraffe – one died to rope in rumen

Free State

Parys

Midges - 3

KwaZulu-Natal

Bergville

Intestinal roundworms - 2

Diarrhoea – 1

Opthalmia - 1

Eastern Cape

Port Alfred

Verminosis and Theileriosis – Sable calf (Langholm)

Theileriosis – Sable calf (Port Alfred)

Translocation myopathy – Blesbuck 4 cases

Septic vaginitis - Blesbuck one case

Uitenhage

Internal roundworms - 1 Sable

Northern Cape Kimberley Internal parasites – 1 Roan Dystocia – 1 Buffalo

Swine

North West Lichtenburg E. coli septicaemia in a piglet

Eastern Cape Uitenhage E. coli - 1

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

Vetdiagnostix Bacteriology, January 2018

A case of enteritis in pigs yielded *E. coli*, and additional virulence factor testing showed that the isolate was positive for the K88 attachment factor, as well as the toxins STaP, STb and LTb, corresponding with enterotoxigenic *E. coli* [ETEC] of suckling pigs, as well as weaned pigs. Identifying these factors also helped the veterinarian to select the correct vaccines, containing these factors, for the affected farm. Another farm yielded both *Salmonella* Typhimurium and an ESBL positive *E. coli*. Extended Spectrum Beta Lactamase strains are resistant to all penicillins and cephalosporins, and usually most other antibiotics as well.

Clostridium novyi, which causes "Aero Chocolate" liver, was identified by FA on pig liver smears. The liver becomes brown and full of small holes, due to the large amounts of gas produced by *C. novyi*.

Lung infections in cattle yielded *Mannheimia haemolytica* [2], *Mannheimia* taxon 7, *Trueperella pyogenes* [2], one together with *Pseudomonas aeruginosa*, and combined *Salmonella* Dublin and *Streptococcus suis*.

Trueperella pyogenes was also isolated from endometritis, and from an abscess together with the anaerobe, *Prevotella. Actinomyces* was isolated from two other abscesses.

A chronic case of mastitis yielded *Corynebacterium amycolatum*, which is an opportunist of animals and man.

Keratoconjunctivitis yielded *Moraxella bovoculi*. The pinkeye vaccine contains *Moraxella bovis*, and it does not protect against *Moraxella bovoculi* infection.

Enteritis yielded two cases of *Cryptosporidium* together with *E. coli*, and there was one case where *Cryptosporidium* was isolated together with the anaerobe, *Prevotella*. Anaerobes can also act as secondary invaders of the damage done by *Cryptosporidium*, in the same way that *E. coli does*. There were two cases of *E. coli* alone.

There was one case of *Clostridium novyi* alone, and one where different infected areas yielded *C. novyi* in one area, and *C. sordellii* in another.

Enteritis in sheep yielded combined Cryptosporidium and E. coli [2].

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

Condition	Comments and Specie
Intestinal roundworms	03
Tapeworms	03
Liver fluke worms	B 3, O 1
Conical fluke	B 1
Parafilaria	В 3
Cysticercosis (measles)	В 3
Coccidiosis	O 2
Blue ticks	В 3
Heartwater tick	B 2
Brown ear-tick	В 3
Bont-legged tick	В 3
Red-legged tick	B,O 3
Blowflies	O 2
Screw-worm	B 1
Midges	B 2
Asiatic red water	В 3
Anaplasmosis	В 3
Heartwater	B 2
Sweatingsickness	В 3
Lumpy skin disease	В 3
Trichomonosis (new farm 2 out of 4	B 2
bulls positive	
Quarter evil	B 2
Swelled head	B 1
Red gut	В 3
Blood gut	O 3
Pulpy kidney	O 3
Salmonella	B 1
E .coli	O 3
Ringworm	В 3
Warts	В 3
Orf	0 2
Urea toxicity	В3
Ink berry toxicity	B 1

Energy deficiency	В 3
Vitamin A deficiency	0 1
Dystocia	В 3
Joint ill	B 2
Lameness	B,O 3
Lungs	B,O 3
Diarrhoea	B,O 3
Eye infection	B,O 3
Abscesses	B,O 3
Heatstroke	В 3
Trauma	В 3
Pericarditis	В 3

Deaths reported by farmers:

Deaths on farm where backgrounding was done due to anaplasmosis and red water.

Monthly report for January 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					
LIVESTOCK SPECIES	DISEASE AGENT	NO. CASES	LOCATION			
Bovine, Dairy Cows	Kikuyu poisoning	1	Howick, KZN			
Bovine, Feedlot Steer	Rumen acidosis plus leaky gut syndrome	1	Parys, Free State			
Bovine, Calves	Cryptosporidiosis	1	Estcourt, KZN			
Bovine, Adult Dairy						
Cow	Pulmonary thromboembolism	1	Howick, KZN			
			Clocolan, Free			
Ovine, Aborted Fetus	Chlamydia enzootic abortion	1	State			
			Humansdorp,			
Bovine, Jersey Heifer	Eosinophilic myocarditis	1	E.Cape			
Bovine, Calves	Cryptosporidiosis	1	Kokstad, E. Cape			
	Pasteurella multocida hemorrhagic					
Bovine, Dairy Cows	septicaemia	1	Dundee, KZN			
			Rustenburg,			
Goats, Kids 4 weeks	Cryptosporidiosis	1	North West			

WILDLIFE DISEASE SURVEILANCE 2018					
		NO.			
WILDLIFE SPECIES	DISEASE AGENT	CASES	LOCATION		
Lion Cub	Cryptosporidium	1	Parys, Free State		
Sable Antelope, Juvenile	Rumen acidosis	1	N. Cape		
Wildebeest, Sub-Adult	Verminosis	1	N. Cape		
	Liver lobe torsion-infectious necrotic				
Sable Antelope, Adult	hepatitis	1	N. Cape		
WILDLIFE DISEASE SURVEILANCE					
Nyala Antelope, Adult					
Female	Hypersensitivity pneumonia	1	Mtubatuba, KZN		
Roan Antelope, Adult					
Female	Theileriosis	1	Beestekraal, Limpopo		
Sable Antelope, Adult					
Female	Babesiosis	1	Thabazimbi, Limpopo		
Green turtle, Stranded			Port Elizabeth, Eastern		
Adult	Fibropapilloma	1	Cape		
Buffalo, Adult Bull	Demodecosis	1	Thabazimbi, Limpopo		
Buffalo, Adult Cow	Dermatophytosis	1	Thabazimbi. Limpopo		

Monthly report for January 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		O,C 2
Resistant roundworms		01
Liver fluke		01
Biting lice		01
Asiatic red water		B 1
Anaplasmosis		B 1
Blackleg		B 3, Clostridium perfringens
Gangrenous mastitis, Streptococcus		Caprine 1
Rabies	Mthatha	B 1
	Hole in the wall	Canine 1
	Dutywa	B 1
	Sterkspruit	Canine 1
	Barkly East	Canine 1
Dourine	Ngcobo	Equine 1
Lantana toxicity	Cofimvaba	01
Senecio toxicity	KWT	0 1

Rabies – Canine, bovine – ongoing outbreak in Eastern Cape (former Transkei)

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

Monthly report on Livestock and Wildlife isolations for January 2017 from IDEXX Laboratories supplied by dr. Liza du Plessis (<u>Liza-DuPlessis@idexx.com</u>)

Condition	Comments and Specie
Blue ticks	E 1
Heartwater tick	E 1
Red-legged tick	E 1
Heartwater	0 1
Lumpy skin disease	B 1
Salmonellosis	B 2
Tuberculosis	B 1
Dermatophytosis	E 1
Coccidiosis	G 1
Cryptosporidiosis	B 1
BMC (snotsiekte)	B 1
Orf	C 1
Equine sarcoid	E 1
Selenium deficiency	G 2
Liver toxicity	G 1
Abortion	E 1
Metritis	B 1
Lung infection	B 1
Diarrhoea	B,G 1



WILDLIFE PATHOLOGY RESEARCH PROGRAMME NATIONAL ZOOLOGICAL GARDENS P O BOX 754 PRETORIA 0001 232 BOOM ST PRETORIA

Рноме: 012 328 3265 X106, 228, 176 Fax: 012 324 2744 Emily@nzg.ac.za; www.nzg.ac.za/research/services.php

12th February2018

DAFF
Import/Export Policy Unit Subdirectorate

Monthly report:

Cases sent to referring veterinarians between 3rd January and 12th February 2018

Cases from State vet Skukuza or Orpen

Cases imported with master permit (none)

Note: Pending NZG cases are being done by Dr Lewis as part of her training in wildlife pathology and so results are delayed.

PMDate	Species	Final	PM No
02 Aug 17	Brown Lemur	Splenic haemangiosarcoma	17Z127
04 Aug 17	African Wild Dog	Spondylosis	17Z128
08 Aug 17	Giant Anteater	Complications of bacterial cellulitis	17Z130
21 Aug 17	White Rhino	Traumatic injury	17Z147
21 Aug 17	White Rhino	Poached animal	17Z148

PMDate	Species	Final	PM No
21 Aug 17	White Rhino	Pending (BTB monitoring)	17Z150
21 Aug 17	White Rhino	Pending (BTB monitoring)	17Z151
21 Aug 17	White Rhino	Pending (BTB monitoring)	17Z149
01-Sep-17	Ground Pangolin	Complications of a fractured leg	172157
04-Sep-17	Tamborine dove	Blunt trauma	17Z158
05-Sep-17	Caracal	Renal disease, pancreatitis and suspected malnutrition	17Z159
06-Sep-17	Boa constrictor	Pending	17Z162
06-Sep-17	Spotted Eagle Owl	Pending	17Z161
06-Sep-17	Nubian Ibex	Cachexia	17Z160
07-Sep-17	Cheetah	Presumed Toxoplasmosis	17Z163
07-Sep-17	Cheetah	Suspected Toxoplasmosis	17Z164
08-Sep-17	Bald Ibis	Metatarsal chondrosarcoma	17Z165B
12-Sep-17	Roan	Pending	17Z166
12-Sep-17	Cheetah	None possible (no lesions)	17Z167
09-Oct-17	Skaapsteker	Pending	17Z169
09-Oct-17	Blue and Gold Macaw	Pending	172170
09-Oct-17	Domestic Cat	Pending	17Z168
09-Oct-17	Madagascan Ground Boa	Pending	172171
20-Oct-17	Sable	Pending	172174
20-Oct-17	African Edible Bullfrog	Pending	17Z175
20-Oct-17	Egyptian Goose	Pending	172176

DISEASE DISTRIBUTION REPORT AS REPORTED BY VETERINARIANS

Table of Contents	
Internal Parasites	Roundworms in general, Resistant Round Worms, Wireworm, Brown stomach-worm, Tape Worms, Parafilaria, Liver fluke, Conical Flukes, Cysticercosis
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, Mange Mites, Nuisance Flies, Blowflies, Screw-worm, Nasal bot larvae, Midges, Other
<u>Tick-borne Diseases</u>	African red water, Asiatic red water, Anaplasmosis, Heartwater, Sweating Sickness
Insect Transmittable Diseases	Lumpy skin disease, Three-day-stiffsickness, Blue tongue
Venereal Diseases	<u>Trichomonosis</u> , <u>Vibriosis</u> , <u>Pizzle disease</u>
Bacterial Disease (other)	Blackquarter, Botulism, Pulpy Kidney, Lamb dysentry, Swelled head disease, Red gut (cattle), Blood gut (Sheep), Tetanus, Salmonellosis, Brucella abortus, Brucella ovis, Johne`s

	disease, Septicaemia, E. coli, Dermatophilosis (Lumpy Wool), Fusibacterium necrophorum, Other								
Protozoal diseases (other)	Besnoitiosis, Coccidiosis, Cryptosporidiosis								
Fungal diseases	Ringworm								
<u>Viral Diseases (other)</u>	BMC, BVD (Bovine viral diarrhoea), IBR (Infectious bovine rhinotracheitis), Enzootic Bovine Leucosis (EBL), Jaagsiekte, Orf, Warts, Corona Virus, Other viral disease not listed								
Poisonings (Plant) and Fungal	Cardiac glycoside poisoning, Cestrum, Cynanchum poisoning, Facial eczema, Geeldikkop/Dikoor, Gifblaar, Gousiekte, Lantana, Lupine Poisoning, Nitrate poisoning, Prussic acid poisoning, Rye grass poisoning, Seneciosis, Vermeersiekte (Gaigeria spp.)								
<u>Poisonings</u>	Water contamination, <u>Urea Poisoning</u> , <u>Snake Bite</u> , <u>Chemical products</u> , <u>Other</u>								
Macro Nutritional Problems	Energy deficiency, Protein deficiency, Phosphate deficiency, Calcium deficiency								
Micro Nutritional Problems	Copper deficiency, Selenium deficiency, Magnesium deficiency, Vitamin A deficiency, Vitamin B deficiency								
Multi-factorial Disease Conditions	Abortions, Stillbirths, Abscesses, Abscesses in general, Bladder stones, Blindness, Bloat, Blue udder, Diarrhoea, Epididymitis, Eye Cancer, Eye infections, Joint Ill, Lameness/Foot Problems, Lung infection, Mastitis in general, Navel Ill, Red gut (Sheep), Trauma, Downer								
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	Drought, Heat stress, Lightning								
Non specific diseases	Preditors, Sabotation - Theft, Trauma								
Internal Parasites									
Roundworms in general	undworms in general								
PROVINCE Mpumalanga Gauteng	Limpopo West State Kwazulu- Eastern Cape Northern Cape								
Average 1.9 (8) 1.5 (4)	3.0 (2) 3.0 (2.3 (7) 2.0 (6) 2.2 (5) 1.8 (4)								
Level of importance scale: 1 = one cas reported	e, 2 = more than one case but less than ten and 3 = more than 10 cases								
Beef 1.7 (3) 1.0 (1)	2.0 (2)								
Dairy	2.0 (1)								
Sheep 2.0 (4) 1.7 (3)	3.0 (1) 3.0 2.3 2.0 (3) 2.0 (2) 1.7 (3)								

				(1)				
			4	(1)	(7)			
ioat	2.0 (1)		3.0 (1)	3.0 (1)		2.0 (1)	2.5 (2)	
Apumalang		_						
	lfour Diereklini	3K						
	ep: 2, Goat: 2							
	, Middelburg D	ierehosp	pitaal					
Sheep: 2	_							
Standerton	•							
Beef: 2, Shee								
	Cape Cross Volk	srust Di	erenospita	aı				
Beef: 1, Shee	èp: 1							
Gauteng	the Name of the same of the left.	A !						
	ft, Muldersdrift	Animai r	ноѕрітаі					
Sheep: 2	simaa Vataninaan	Camand	tina Daam	_				
	nima Veterinary	Consult	ing Rooms	5				
Sheep: 2								
	nderstepoort A	agemic	поѕрітаі а	na Prod	uction I	animai Clii	1IC	
Beef: 1, She	sp: 1							
Limpopo	Diotorchure V	torinan	. Clinia					
	, Pietersburg Vo	ermary	Cimic					
Sheep: 3, Go North West								
	Christiana Dier	ohocnita	a a l					
Sheep: 3, Go		Enospita	ıaı					
Free State	al. J							
	in, Dr Stephan	Wassals						
Sheep: 3	iii, Di Stepilali	VV C33C13						
	locolan Dierekli	niek						
Sheep: 2	ocolaii Dicicki	IIICK						
	Oosvrystaat Die	re Produ	ukte					
Sheep: 2	Josti ystaat Bit		ance					
· · · · · · · · · · · · · · · · · · ·	Kroonstad Die	ehosnit <i>:</i>	aal					
Sheep: 3		J 5 P. 10						
Ladybrand,	Ladybrand							
Sheep: 2	_aa, brana							
	gepoort Dierek	liniek Ve	ennootskar)				
Sheep: 2	30p0010 = 101011			-				
	le Dierehospita	al						
Sheep: 2								
Kwazulu-Na	atal							
Bergville, T	ugela Vet Clinio	:						
Beef: 2, Shee								
	G.Veterinary Se	rvices						
Sheep: 2								
	, Mtubatuba An	imal Clin	nic					
Beef: 2								
Pietermarit	zburg, Richmo	ıd Veteri	inary Clinic	С				
Sheep: 2, Go								
Eastern Cap								
	et, Camdeboo	/eterina	ry Clinic					
Sheep: 1, Go								
	et, Graaff Rein	et Veteri	inary Clinic	С				
Sheep: 3, Go								
	Port Alfred Ve	erinary	Clinic					
Dairy: 2								
Two dairy ca	lves (Martindale)	one cow	(Port Alfred	d); 2 beet	calves	(Bathurst)		
Western Ca	ne							

Caledon, Overberg Veterinary Hospital										
Sheep: 2										
Ceres, Ceres Veterinary Hospital										
Beef: 2										
	Riversdal Dier	ekliniek								
Sheep: 2										
	Wellington Di	erehospit	aal							
Sheep: 1										
Egg counts lo	W									
Resistant	Round Wo	rms							^	
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	
Average	1.0 (1)	2.0 (1)	3.0 (2)	1.0 (1)	1.7 (3)	2.0 (3)	2.0 (2)			
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases	
Sheep	1.0 (1)	2.0 (1)	3.0 (1)		1.7 (3)	2.0 (2)	2.0 (1)			
Goat			3.0 (1)	1.0 (1)		2.0 (1)	2.0 (1)			
Mpumalang	a									
Balfour, Bal	four Diereklin	iek								
Sheep: 1										
Gauteng										
Pretoria, Anima Veterinary Consulting Rooms										
Sheep: 2										
Limpopo										
	Pietersburg V	eterinary	Clinic							
Sheep: 3, Go	at: 3									
North West										
Christiana,	Christiana Die	rehospita	al							
Goat: 1										
Free State										
	in, Dr Stephan	wessels								
Sheep: 3	Ladybeard									
Ladybrand,	Lauyorana									
Sheep: 1	and Diorobos	nitaal								
Reitz, Riemland Dierehospitaal										
Sheep: 1 Kwazulu-Natal										
Kwazuiu-Natai Bergville, Tugela Vet Clinic										
Sheep: 2										
Pietermaritzburg, Richmond Veterinary Clinic										
Sheep: 2, Go			<i>j</i> •m.m.	-						
Eastern Cap										
	et, Graaff Reir	net Veteri	nary Clinic	С						
Sheep: 2, Go										
Wireworr	n								^	
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape	

Average	2.0 (4)	1.7 (3)	2 () (1)	2.0	2.3	2 2 (2)	1.2 (4)	1.0 (1)	
Average	2.0 (4)	1.7 (3)	3.0 (1)	(1)	(9)	2.3 (3)	1.3 (4)	1.0 (1)	
	ortance scale: 1	= one case	e, 2 = more	than or	ne case b	out less than	ten and 3	= more thar	10 case
reported									
Shoon	2.0 (3)	2.0 (2)	3.0 (1)	2.0	2.3	2.5 (2)	1.3 (3)	1.0(1)	
Sheep	2.0 (3)	2.0 (2)	3.0 (1)	(1)	(9)	2.3 (2)	1.5 (3)	1.0 (1)	
Goat	2.0(1)	1.0(1)				2.0(1)	1.0(1)		
Mpumalang	()					()			
	hal Diereklinie	k							
Sheep: 2									
Malelane, M	lalelane Diere	kliniek							
Goat: 2									
Standerton	, Econovet								
Sheep: 3									
	Cape Cross Vol	ksrust Die	erehospita	al					
Sheep: 1									
Gauteng									
	spruit, Kerkstı	raat Diere	kliniek						
Sheep: 2, Go									
	raal, Themba <i>l</i>	Animal Cli	nic						
Sheep: 2									
Limpopo									
	Blouberg Diere	kliniek							
Sheep: 3									
10 cases									
North West									
	g, Dr CM Kruge	er-Rall							
Sheep: 2 Free State									
	locolan Dierek	liniak							
Sheep: 2	locolali Dielek	iiiiek							
	Oosvrystaat Di	iere Drodu	ıkta						
Sheep: 2	Dosvi ystaat D	iere Frout	inte						
	rankfort Diere	ekliniek							
Sheep: 3	Tunktore Diere	CKIIIICK							
•	Gariep Dierek	kliniek							
Sheep: 3	- Саттор 2 того								
	s on pastures - F	Philippolis a	rea						
	Kroonstad Die								
Sheep: 3		-							
Ladybrand,	Ladybrand								
Sheep: 3									
	land Dierehos	pitaal							
Sheep: 2									
	gepoort Diere	kliniek Ve	nnootskap	1					
Sheep: 2									
	n, Wesselsbro	n Dierekli	niek						
Sheep: 1									
Kwazulu-Na									
•	stcourt Vet Cli	nic							
Sheep: 3, Go		lame! = = -							
	G.Veterinary S	ervices							
Sheep: 2									
Eastern Cap		a Dioroldi.	siok						
	h, Hertzogbru	у ріегекііі	iiek						
Sheep: 1									

Sheep: 2	i, Stutterneim	Veterinar	y Clinic						
Wireworm in	small group of y	oung lamb	s, respirato	ry infect	ion and	sheath, not	anaemic.		
Western Ca	•								
	Riversdal Dier	ekliniek							
Sheep: 1									
Brown st	omach-wor	m							
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Norther Cape
Average						3.0 (1)			
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case I	out less than	ten and 3	= more tha	ın 10 cases
Dairy						3.0 (1)			
Kwazulu-Na	atal						<u> </u>		
	wick Veterina:	v Clinic							
Dairy: 3	v Ctorina	,							
Tape Wo	rms								
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Norther Cape
Average	1.0 (3)	1.0 (1)	2.0 (2)		2.0 (5)	3.0 (1)	1.3 (4)		1.0 (1)
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	out less than	ten and 3	= more tha	in 10 cases
					2.0				1.0 (1)
Beef	1.0 (2)				(1)				
	1.0 (2)				(1)	3.0 (1)			
Dairy	1.0 (2)		2.0 (1)		2.0 (4)	3.0 (1)	1.0 (2)		
Beef Dairy Sheep Goat		1.0 (1)	2.0 (1)		2.0	3.0 (1)	1.0 (2) 1.5 (2)		
Dairy Sheep Goat	1.0 (1)	1.0 (1)			2.0	3.0 (1)			
Dairy Sheep Goat Mpumalang	1.0 (1)		2.0 (1)		2.0	3.0 (1)			
Dairy Sheep Goat Mpumalang Middelburg	1.0 (1)		2.0 (1)		2.0	3.0 (1)			
Dairy Sheep Goat Mpumalang Middelburg Beef: 1	1.0 (1)	Dierehosp	2.0 (1)	al	2.0	3.0 (1)			
Dairy Sheep Goat Mpumalang Middelburg Beef: 1 Volksrust, C	1.0 (1) a , Middelburg I	Dierehosp	2.0 (1)	al	2.0	3.0 (1)			
Dairy Sheep Goat Mpumalang Middelburg Beef: 1 Volksrust, C Beef: 1, Shee	1.0 (1) a , Middelburg I	Dierehosp	2.0 (1)	al	2.0	3.0 (1)			
Dairy Sheep Goat Mpumalang Middelburg Beef: 1 Volksrust, C Beef: 1, Shee Gauteng	1.0 (1) a , Middelburg I	Dierehosp ksrust Die	2.0 (1) itaal erehospita	al	2.0	3.0 (1)			
Dairy Sheep Goat Mpumalang Middelburg Beef: 1 Volksrust, C Beef: 1, Shee Gauteng Bronkhorsts	1.0 (1) Ja , Middelburg I Cape Cross Vol	Dierehosp ksrust Die	2.0 (1) itaal erehospita	al	2.0	3.0 (1)			
Dairy Sheep Goat Mpumalang Middelburg Beef: 1 Volksrust, C Beef: 1, Shee Gauteng Bronkhorsts Goat: 1	1.0 (1) Ja , Middelburg I Cape Cross Vol	Dierehosp ksrust Die	2.0 (1) itaal erehospita	al	2.0	3.0 (1)			
Dairy Sheep Goat Mpumalang Middelburg Beef: 1 Volksrust, C Beef: 1, Shee Gauteng Bronkhorsts Goat: 1 Limpopo	1.0 (1) Ja , Middelburg I Cape Cross Vol	Dierehosp ksrust Die aat Diere	2.0 (1) itaal erehospita	al	2.0	3.0 (1)			
Dairy Sheep Goat Mpumalang Middelburg Beef: 1 Volksrust, C Beef: 1, Shee Gauteng Bronkhorsts Goat: 1 Limpopo Polokwane,	1.0 (1) Ja , Middelburg I Cape Cross Vol ep: 1 spruit, Kerkstr	Dierehosp ksrust Die aat Diere	2.0 (1) itaal erehospita	al	2.0	3.0 (1)			
Dairy Sheep Goat Mpumalang Middelburg Beef: 1 Volksrust, C Beef: 1, Shee Gauteng Bronkhorsts Goat: 1 Limpopo	1.0 (1) Ja , Middelburg I Cape Cross Vol ep: 1 spruit, Kerkstr	Dierehosp ksrust Die aat Diere	2.0 (1) itaal erehospita	al	2.0	3.0 (1)			
Dairy Sheep Goat Mpumalang Middelburg Beef: 1 Volksrust, C Beef: 1, Shee Gauteng Bronkhorsts Goat: 1 Limpopo Polokwane, Sheep: 2, Go Free State	1.0 (1) Ja , Middelburg I Cape Cross Vol Ep: 1 Spruit, Kerkstr Pietersburg V at: 2	Dierehosp ksrust Die aat Diere eterinary	2.0 (1) itaal erehospita	al	2.0	3.0 (1)			
Dairy Sheep Goat Mpumalang Middelburg Beef: 1 Volksrust, C Beef: 1, Shee Gauteng Bronkhorsts Goat: 1 Limpopo Polokwane, Sheep: 2, Go Free State Clocolan, Cl	1.0 (1) Ja , Middelburg I Cape Cross Vol ep: 1 spruit, Kerkstr	Dierehosp ksrust Die aat Diere eterinary	2.0 (1) itaal erehospita	al	2.0	3.0 (1)			
Dairy Sheep Goat Mpumalang Middelburg Beef: 1 Volksrust, C Beef: 1, Shee Gauteng Bronkhorsts Goat: 1 Limpopo Polokwane, Sheep: 2, Go Free State Clocolan, Cl Sheep: 2	1.0 (1) Ja , Middelburg I Cape Cross Vol Ep: 1 Spruit, Kerkstr Pietersburg V at: 2	Dierehosp ksrust Die aat Diere eterinary	2.0 (1) itaal erehospita	al	2.0	3.0 (1)			
Dairy Sheep Goat Mpumalang Middelburg Beef: 1 Volksrust, C Beef: 1, Shee Gauteng Bronkhorsts Goat: 1 Limpopo Polokwane, Sheep: 2, Go Free State Clocolan, Cl	1.0 (1) Ja , Middelburg I Cape Cross Vol Ep: 1 Spruit, Kerkstr Pietersburg V at: 2	Dierehosp ksrust Die aat Diere eterinary	2.0 (1) itaal erehospita	al	2.0	3.0 (1)			

Df 2 C	2								
Beef: 2, Shee									
	n, Wesselsbro	n Dierekli	niek						
Sheep: 1									
Kwazulu-Na									
	wick Veterina	ry Clinic							
Dairy: 3									
Eastern Cap									
	h, Hertzogbrug	g Diereklii	niek						
Sheep: 1									
	r Jane Pistoriu	IS							
Goat: 1	Caaniinia aarabi	alia (aid na	مالده مماماناه		- diaaaa				
	Coenurus cerebr et, Camdeboo			e, turriiriç	y uisease	e)			
Sheep: 1, Go		vetermai	y Cillic						
Northern Ca									
	ape Iu Dierekliniek	,							
Beef: 1	iu Dierekiiiilek								
Parafilari	ia								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average			1.3 (3)	3.0 (1)		2.0 (3)			
Level of imporeported	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef			1.3 (3)	3.0 (1)		2.0 (3)			
Limpopo									
	louberg Diere	kliniek							
Beef: 2									
8 cases									
	Potgietersrus	Diereklini	iek						
Beef: 1									
	Pietersburg V	eterinary	Clinic						
Beef: 1									
North West	a Dierekliniek								
Beef: 3	a Dierekiiniek								
Kwazulu-Na	atal								
	Mtubatuba Ar	nimal Clin	ic						
Beef: 1									
	zburg, Richmo	nd Veteri	nary Clinic	С					
Beef: 3 Vryheid, Vry	yheid Privaat \	/eeartse							
Beef: 2									
Liver fluk	(e								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
									Cupc

Level of impo	ortance scale: 1	= one case	e, 2 = more	e than or	ne case	but less than	ten and 3	= more tha	n 10 cases
reported			,						
Doof	2.0 (1)	2.0 (1)				2.5 (2)		1.0.(2)	
Beef	2.0 (1)	2.0 (1)				2.5 (2)		1.0 (2)	
Dairy						3.0 (1)			
Sheep					3.0 (1)				
Mpumalang	ıa								
	four Diereklin	iek							
Beef: 2									
Free State									
Ladybrand,	Ladybrand								
Sheep: 3									
Kwazulu-Na	atal								
Howick, Ho	wick Veterina	ry Clinic							
Beef: 3, Dairy	y: 3								
Pietermarit	zburg, Richmo	nd Veteri	nary Clinic	С					
Beef: 2									
Western Ca	pe								
Malmesbury	y, Dr Otto Krie	k							
Beef: 1									
	h, Stellenbosc	h Animal	Hospital						
Beef: 1									
Conical F	lukes								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)			2.0 (1)	3.0 (1)	1.0 (1)		1.0 (1)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	e than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef	1.0 (1)			2.0 (1)	3.0 (1)	1.0 (1)		_	
Dairy								1.0(1)	
	a four Diereklin	iek							
Beef: 1									
North West									
	g, Dr CM Kruge	er-Rall							
Beef: 2									
Free State	'	aleliminte							
	rankfort Diere	ekiiniek							
Beef: 3	-4-1								
Kwazulu-Na	atai Mtubatuba Ai	nimal Clin	io						
Beef: 1	Milubaluba Ai	illillai Cilli	IC						
Western Ca	ne								
	h, Stellenbosc	h Animal	Hosnital						
Dairy: 1	ii, Stellelibust	ar Allillal	Hospital						
Cysticerc	osis								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern

				West	State	Natal	Cape	Саре	Саре
Average			1.0 (1)	1.0 (1)	2.0 (2)			1.0 (1)	2.0 (1)
Level of imported	ortance scale: 1	= one case	e, 2 = more	e than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef			1.0 (1)	1.0 (1)	2.0 (2)				
Dairy								1.0(1)	
Sheep									2.0 (1)
Limpopo	Potgietersrus	Dioroklini	iok						
Beef: 1	Potgietersius	Dierekiiii	ICK						
North West									
Lichtenburg Beef: 1	j, Dr CM Kruge	er-Rall							
Free State									
	s Dierehospita	al							
Beef: 3 Wesselsbro	n, Wesselsbro	n Dierekli	niek						
Beef: 1	•	ii Dierekii	ck						
Western Ca									
Stellenbosc Dairy: 1	h, Stellenbosc	h Animal	Hospital						
Dairy: 1 Northern Ca	ape								
	rg, Postmasbu	rg Dierek	liniek						
Sheep: 2									
External	Parasites								
External Blue ticks									^
Blue ticks		Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Blue ticks	5		Limpopo 2.0 (2)			Natal		Cape	
Blue ticks PROVINCE Average	S Mpumalanga	3.0 (3)	2.0 (2)	3.0 (1)	2.4 (12)	Natal 2.5 (8)	Cape 2.5 (2)	Cape 2.2 (5)	Cape
PROVINCE Average Level of imporeported	Mpumalanga 2.4 (7)	3.0 (3)	2.0 (2) e, 2 = more	3.0 (1)	2.4 (12)	Natal 2.5 (8)	Cape 2.5 (2)	Cape 2.2 (5)	Cape
PROVINCE Average Level of imporeported Beef	Mpumalanga 2.4 (7) ortance scale: 1	3.0 (3) = one case	2.0 (2) e, 2 = more	3.0 (1) e than or	2.4 (12) ne case 2.5 (10) 1.0 (1)	Natal 2.5 (8) but less than	2.5 (2) ten and 3	2.2 (5) = more that	Cape
PROVINCE Average Level of impositions in the second control of t	Mpumalanga 2.4 (7) ortance scale: 1 2.6 (5)	3.0 (3) = one case	2.0 (2) e, 2 = more	3.0 (1) e than or	2.4 (12) ne case 2.5 (10) 1.0	2.5 (8) but less than 2.4 (7)	2.5 (2) ten and 3	2.2 (5) = more that 2.0 (2)	Саре
PROVINCE Average Level of imporeported Beef Dairy Sheep	2.4 (7) ortance scale: 1 2.6 (5) 2.0 (1)	3.0 (3) = one case 3.0 (1)	2.0 (2) e, 2 = more	3.0 (1) e than or	2.4 (12) ne case 2.5 (10) 1.0 (1) 3.0	2.5 (8) but less than 2.4 (7)	2.5 (2) ten and 3	2.2 (5) = more that 2.0 (2)	Саре
PROVINCE Average Level of imporeported Beef Dairy Sheep Goat Mpumalang	Mpumalanga 2.4 (7) cortance scale: 1 2.6 (5) 2.0 (1) 2.0 (1)	3.0 (3) = one case 3.0 (1) 3.0 (1) 3.0 (1)	2.0 (2) e, 2 = more	3.0 (1) e than or	2.4 (12) ne case 2.5 (10) 1.0 (1) 3.0	2.5 (8) but less than 2.4 (7)	2.5 (2) ten and 3	2.2 (5) = more that 2.0 (2)	Cape
PROVINCE Average Level of imporeported Beef Dairy Sheep Goat Mpumalang Balfour, Bal	2.4 (7) ortance scale: 1 2.6 (5) 2.0 (1) 2.0 (1)	3.0 (3) = one case 3.0 (1) 3.0 (1) 3.0 (1)	2.0 (2) e, 2 = more	3.0 (1) e than or	2.4 (12) ne case 2.5 (10) 1.0 (1) 3.0	2.5 (8) but less than 2.4 (7)	2.5 (2) ten and 3	2.2 (5) = more that 2.0 (2)	Саре
PROVINCE Average Level of imporeported Beef Dairy Sheep Goat Mpumalang Balfour, Bal Beef: 2, Shee	Mpumalanga 2.4 (7) crtance scale: 1 2.6 (5) 2.0 (1) 2.0 (1) a four Diereklinier: 2	3.0 (3) = one case 3.0 (1) 3.0 (1) 3.0 (1) iek	2.0 (2) e, 2 = more 2.0 (2)	3.0 (1) e than or	2.4 (12) ne case 2.5 (10) 1.0 (1) 3.0	2.5 (8) but less than 2.4 (7)	2.5 (2) ten and 3	2.2 (5) = more that 2.0 (2)	Саре
PROVINCE Average Level of imporeported Beef Dairy Sheep Goat Mpumalang Balfour, Bal Beef: 2, Shee	2.4 (7) ortance scale: 1 2.6 (5) 2.0 (1) 2.0 (1)	3.0 (3) = one case 3.0 (1) 3.0 (1) 3.0 (1) iek	2.0 (2) e, 2 = more 2.0 (2)	3.0 (1) e than or	2.4 (12) ne case 2.5 (10) 1.0 (1) 3.0	2.5 (8) but less than 2.4 (7)	2.5 (2) ten and 3	2.2 (5) = more that 2.0 (2)	Cape

Beef: 3 Piet Retief, Pets Vet Hospital Beef: 3 Standerton, Econovet Beef: 2 **Volksrust, Cape Cross Volksrust Dierehospitaal** Gauteng Hammanskraal, Themba Animal Clinic Beef: 3, Sheep: 3, Goat: 3 Limpopo Mokopane, Potgietersrus Dierekliniek Beef: 1 **Polokwane, Pietersburg Veterinary Clinic North West** Lichtenburg, Dr CM Kruger-Rall Beef: 3 **Free State Bloemfontein, Dr Stephan Wessels** Beef: 2 Clocolan, Clocolan Dierekliniek Ficksburg, Oosvrystaat Diere Produkte Beef: 3 Frankfort, Frankfort Dierekliniek Beef: 3 **Hoopstad, Hoopstad Dierekliniek** Beef: 3, Sheep: 3 **Kroonstad, Kroonstad Dierehospitaal** Beef: 3 **Memel, Memel Veterinary Clinic** Beef: 2 Villiers, Wilgepoort Dierekliniek Vennootskap Beef: 2, Dairy: 1 Wesselsbron, Wesselsbron Dierekliniek Winburg, Winburg Dierekliniek Beef: 2 Kwazulu-Natal Bergville, Tugela Vet Clinic Beef: 1 **Dundee, Endumeni Herd health** Beef: 3 **Howick, Howick Veterinary Clinic** Beef: 3, Dairy: 3 **Kokstad, E.G.Veterinary Services** Beef: 2 Mtubatuba, Mtubatuba Animal Clinic Pietermaritzburg, Richmond Veterinary Clinic Vryheid, Vryheid Privaat Veeartse Beef: 3 **Eastern Cape** Aliwal North, Hertzogbrug Dierekliniek **Graaff-Reinet, Graaff Reinet Veterinary Clinic** Beef: 3 **Western Cape**

Dairy: 2	(WC), Heidelb	erg Diere	кипіек						
•	, Oudtshoorn	Diereklini	ek						
Beef: 2									
Riversdale, Beef: 2, Dair	Riversdal Die	rekliniek							
	t blue Ticks								
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Norther Cape
Average					2.0 (2)	2.0 (1)		3.0 (1)	ı
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef					2.0 (2)	2.0 (1)			
Dairy								3.0 (1)	
Beef: 1 Parys, Parys Beef: 3 Kwazulu-Na Pietermarit Beef: 2 Western Ca George, Gee	zburg, Richmo	al ond Veteri ospital	nary Clinid	c					
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Norther Cape
Average	3.0 (2)	2.3 (6)	2.2 (5)	3.0 (1)		1.8 (10)	1.0 (1)	2.0 (3)	
Level of imperent	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef	3.0 (1)	2.0 (2)	2.0 (2)	3.0 (1)		2.0 (4)	1.0 (1)	2.0 (1)	
Dairy								2.0(1)	
		2.5 (2)	2.0 (2)			1.3 (3)		2.0(1)	
Sheep	3.0 (1)	2.5 (2)	3.0 (1)			2.0 (3)			
	3.0 (1)		` '					2.0 (1)	

			_						
	raal, Themba <i>l</i>	Animal Cli	nic						
Beef: 3, Shee									
	ima Veterinar	y Consult	ing Rooms	5					
Sheep: 2, Go	at: 2								
Limpopo									
	Potgietersrus	Diereklin	iek						
Beef: 1, Shee	•		a !! !						
	Pietersburg V	eterinary	Clinic						
Beef: 3, Shee									
North West									
•	a Dierekliniek								
Beef: 3									
Kwazulu-Na									
	ugela Vet Clini	IC							
Sheep: 1	dumani Hard I								
Beef: 2	dumeni Herd I	ieaith							
	Mtubatuba A	nimal Clin							
	Mtubatuba A	ilinai Ciin	IC						
Beef: 3, Goat	: 3 zburg, Richmo	nd Votori	nanı Clini	_					
Beef: 2, Shee		ma veteri	nary Cilnic	C					
	ngola Animal	Clinic							
Beef: 1, Shee		Cillic							
Eastern Cap									
-	p, Humansdor	n Votorin	ary Clinic						
Beef: 1	p, mamansuoi	p veteriii	ary Cillic						
Western Ca	ne .								
	Riversdal Die:	rokliniok							
	: 2, Sheep: 2	CKIIIICK							
Brown ea	r-ticks								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (6)	3.0 (1)	2.5 (2)		1.8 (4)	2.6 (7)			
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	in 10 cases
				_					
Beef	1.6 (5)	3.0 (1)	2.5 (2)		1.8 (4)	2.7 (6)			
Beef Dairy	1.6 (5)	3.0 (1)	2.5 (2)			2.7 (6)			
		3.0 (1)	2.5 (2)			2.7 (6)			
Dairy	2.0 (1)	3.0 (1)	2.5 (2)						
Dairy Sheep Mpumalang	2.0 (1)		2.5 (2)						
Dairy Sheep Mpumalang	2.0 (1)		2.5 (2)						
Dairy Sheep Mpumalang Balfour, Bal Beef: 1	2.0 (1)	iek							
Dairy Sheep Mpumalang Balfour, Bal Beef: 1	2.0 (1) a four Diereklin	iek							
Dairy Sheep Mpumalang Balfour, Bal Beef: 1 Ermelo, Môi Dairy: 2	2.0 (1) a four Diereklin	iek nêre Spre	ekkamer						
Dairy Sheep Mpumalang Balfour, Bal Beef: 1 Ermelo, Môi Dairy: 2	2.0 (1) a four Diereklin regloed Veteri	iek nêre Spre	ekkamer						
Dairy Sheep Mpumalang Balfour, Bal Beef: 1 Ermelo, Môi Dairy: 2 Middelburg Beef: 1	2.0 (1) a four Diereklin regloed Veteri	iek nêre Spre Dierehosp	ekkamer						
Dairy Sheep Mpumalang Balfour, Bal Beef: 1 Ermelo, Môi Dairy: 2 Middelburg Beef: 1	2.0 (1) a four Diereklin regloed Veteri , Middelburg	iek nêre Spre Dierehosp	ekkamer						
Dairy Sheep Mpumalang Balfour, Bal Beef: 1 Ermelo, Môn Dairy: 2 Middelburg Beef: 1 Piet Retief,	2.0 (1) a four Diereklin regloed Veteri , Middelburg	iek nêre Spre Dierehosp	ekkamer						
Dairy Sheep Mpumalang Balfour, Bal Beef: 1 Ermelo, Môn Dairy: 2 Middelburg Beef: 1 Piet Retief, Beef: 3	2.0 (1) a four Diereklin regloed Veteri , Middelburg	iek nêre Spre Dierehosp	ekkamer						
Dairy Sheep Mpumalang Balfour, Bal Beef: 1 Ermelo, Môi Dairy: 2 Middelburg Beef: 1 Piet Retief, Beef: 3 Standerton, Beef: 2 Volksrust, C	2.0 (1) a four Diereklin regloed Veteri , Middelburg	iek nêre Spre Dierehosp iital	ekkamer itaal	al					
Dairy Sheep Mpumalang Balfour, Bal Beef: 1 Ermelo, Môi Dairy: 2 Middelburg Beef: 1 Piet Retief, Beef: 3 Standerton, Beef: 2	2.0 (1) a four Diereklin regloed Veteri , Middelburg Pets Vet Hosp	iek nêre Spre Dierehosp iital	ekkamer itaal	al					

Gauteng													
Bronkhorstspruit, Kerkstraat Dierekliniek													
Beef: 3													
Limpopo													
Mokopane,	Mokopane, Potgietersrus Dierekliniek												
Beef: 2													
Polokwane, Pietersburg Veterinary Clinic													
Beef: 3													
Free State													
Memel, Memel Veterinary Clinic													
Beef: 1													
Parys, Parys Dierehospitaal													
Beef: 3 Reitz, Riemland Dierehospitaal													
Beef: 1	idila Dicicilos	pituui											
	gepoort Dierel	kliniek Ve	nnootskar)									
Beef: 2	3 - 1												
Kwazulu-Na	atal												
Dundee, En	dumeni Herd l	nealth											
Beef: 3, Shee	•												
	tcourt Vet Clir	nic											
Beef: 3													
	Mtubatuba Ar	nimal Clin	ic										
Beef: 2	N d N												
Beef: 3	Ncanduvet Ne	wcastie											
	zburg, Richmo	nd Votori	nary Clinie										
Beef: 2	zburg, Kicillio	ilu veteri	ilai y Cillin										
	yheid Privaat \	/eeartse											
Beef: 3	,												
Ear abscesse	S												
Pont log	and tiple								^				
Bont-leg	ged ticks												
DDOVINCE	Mpumalanga	Gautona	Limpono	North	Free	Kwazulu-	Eastern	Western	Northern				
PROVINCE	ripullialaliya	Gauteng	шіроро	West	State	Natal	Cape	Cape	Cape				
				2 0									
Average	2.0(2)	2.0 (2)	2.3 (3)	3.0	2.7	1.0(2)			2.5 (2)				
Aveluge	2.0 (2)	2.0 (2)	2.5 (5)	(4)	(15)	1.0 (2)			2.3 (2)				
	ortance scale: 1	= one case	e, $2 = more$	than or	ne case l	but less than	ten and 3	= more tha	in 10 cases				
reported													
	2.0.(2)	2.0.(1)	2.0.(2)	3.0	2.6	1.0 (1)			2.0.(1)				
Beef	2.0 (2)	2.0 (1)	2.0 (2)	(4)	(9)	1.0 (1)			2.0 (1)				
				(')									
Dairy					3.0								
					(1)								
Sheep			3.0 (1)		3.0				2.0 (1)				
Sileep			3.0 (1)		(4)				3.0 (1)				
					3.0								
Goat		2.0 (1)			(1)	1.0 (1)							
Mpumalang	13				(1)								
	a four Diereklin	iok											
Beef: 1	.ou. Dielekilli	·~!\											
DEEL: I													
	, Middelbura I	Dierehosn	itaal										
	, Middelburg I	Dierehosp	itaal										
Middelburg	, Middelburg I	Dierehosp	itaal										

Bronkhorstspruit, Kerkstraat Dierekliniek Beef: 2 Hammanskraal, Themba Animal Clinic Goat: 2 Limpopo Mokopane, Potgietersrus Dierekliniek **Polokwane, Pietersburg Veterinary Clinic** Beef: 3, Sheep: 3 **North West** Christiana, Christiana Dierehospitaal Beef: 3 Leeudoringstad, Leeudoringstad Dierekliniek Beef: 3 Lichtenburg, Dr CM Kruger-Rall Beef: 3 Stella, Stella Dierekliniek Beef: 3 **Free State Bloemfontein, Dr Stephan Wessels** Beef: 3, Sheep: 3 Clocolan, Clocolan Dierekliniek Frankfort, Frankfort Dierekliniek Beef: 3 **Hoopstad, Hoopstad Dierekliniek** Beef: 3, Sheep: 3 Kroonstad, Kroonstad Dierehospitaal Beef: 3, Dairy: 3, Sheep: 3, Goat: 3 **Memel, Memel Veterinary Clinic** Beef: 2 Philippolis, Rowelsfontein veearts Spreekkamer Sheep: 3 Senekal, Senekal Dierekliniek Villiers, Wilgepoort Dierekliniek Vennootskap Winburg, Winburg Dierekliniek Beef: 3 Kwazulu-Natal Pongola, Pongola Animal Clinic Beef: 1, Goat: 1 **Northern Cape** De Aar, De Aar Veterinary Clinic

Sheep: 3

Many ticks after rain

Kathu, Kathu Dierekliniek

Beef: 2

Red-legg	ed ticks								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (3)		1.0 (1)	3.0 (2)	2.5 (11)	2.0 (1)			2.0 (1)

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

Beef	1.0 (1)		1.0 (1)	3.0 (2)	2.4 (5)	2.0 (1)			2.0 (1)
Dairy					3.0 (1)				
Sheep	1.0 (1)				2.3 (4)				
Goat	1.0 (1)				3.0 (1)				
Mpumalang	а								
	four Diereklin	iek							
Beef: 1, Shee									
Limpopo									
	Potgietersrus	Diereklini	iek						
Beef: 1									
North West			_						
	Christiana Die	rehospita	al						
Beef: 3	a Dierekliniek								
Beef: 3	а ріегекііпіек								
Free State									
	ocolan Dierek	liniek							
Beef: 2	ocoluli Bici cik	cix							
	loopstad Dier	ekliniek							
Beef: 3, Shee									
	Kroonstad Die	rehospita	al						
Beef: 3, Dairy	y: 3, Sheep: 3, 0	Goat: 3							
Memel, Mer	nel Veterinary	Clinic							
Beef: 2, Shee	•								
	gepoort Diere	kliniek Ve	nnootskap)					
Beef: 2									
	n, Wesselsbro	n Dierekli	niek						
Sheep: 1									
Kwazulu-Na		nd Votori	nami Clinii	_					
Beef: 2	zburg, Richmo	ma veteri	nary Cililio	G					
Northern Ca	ane								
	rg, Postmasbu	ra Dierek	liniek						
Beef: 2	g, i ostinassa	ig Dicicio	imiek						
Paralysis	ticks								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
				WESL		Italai	Саре	Саре	Саре
Average	1.0 (1)				2.0 (1)				
Level of impore	ortance scale: 1	= one case	e, 2 = more	e than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Sheep	1.0 (1)				2.0 (1)				
Mpumalang									
	four Diereklin	iek							
Sheep: 1									
Free State	namacut Pi	lelia i a la N							
villiers, Wil	gepoort Diere	kiiniek Ve	nnootskap)					

Sheep: 2									
Biting lice	e (red lice)								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)				1.5 (2)		1.0 (1)		3.0 (1)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Sheep	2.0 (1)				2.0 (1)				
Goat					1.0 (1)		1.0 (1)		3.0 (1)
Mpumalang									
Standerton, Sheep: 2	Econovet								
Free State									
Ladybrand,	Ladvbrand								
Goat: 1									
Memel, Mer	nel Veterinary	Clinic							
Sheep: 2									
Eastern Cap									
	et, Camdeboo	Veterina	ry Clinic						
Goat: 1									
Northern Ca	ape Iu Dierekliniek								
Goat: 3	iu Dierekiiiilek	•							
	ice (blue lic	e)							^
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 or	ne case I	but less than	ten and 3	= more tha	n 10 cases
Beef					1.0 (1)				
Goat							1.0(1)		
Free State									
Ladybrand,	Ladybrand								
Beef: 1									
Eastern Cap		Votorino	ay Clinia						
Goat: 1	et, Camdeboo	veterinai	y Clinic						
Scab mite	es								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape

Average					1.4 (5)				
Level of imported	ortance scale: 1	= one case	e, 2 = more	than o	ne case	but less than	ten and 3	= more tha	n 10 cases
Sheep					1.5 (4)				
Goat					1.0				
					(1)				
Free State	loopstad Diere	akliniak							
Sheep: 1	100pstau Diere	ekiiiiek							
	nel Veterinary	Clinic							
Sheep: 3									
	land Dierehos	pitaal							
Sheep: 1									
	nekal Dierekli	niek							
Goat: 1 Wesselshro	n, Wesselsbro	n Dierekli	niek						
Sheep: 1	, 11033613610	Diciekii							
Mange M	ites								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
A									
Average		2.0 (1)							
		` '	. 2				1	!!	. 10
	ortance scale: 1	` '	e, 2 = more	e than oi	ne case	but less than	ten and 3	= more tha	n 10 cases
Level of impo	ortance scale: 1	` '	e, 2 = more	e than oi	ne case	but less than	ten and 3	= more tha	n 10 cases
Level of imported	ortance scale: 1	= one case	e, 2 = more	e than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Level of impore reported Goat Gauteng Hammansk	ortance scale: 1	= one case 2.0 (1)		e than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Level of impore reported Goat Gauteng		= one case 2.0 (1)		e than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Level of impore reported Goat Gauteng Hammansk	raal, Themba <i>l</i>	= one case 2.0 (1)		e than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Level of impore reported Goat Gauteng Hammanski Goat: 2 Nuisance	raal, Themba <i>l</i>	= one case 2.0 (1) Animal Cli	nic	North West	Free	but less than Kwazulu- Natal	ten and 3 Eastern Cape	= more tha	n 10 cases Northern Cape
Level of impore reported Goat Gauteng Hammanski Goat: 2 Nuisance	raal, Themba <i>l</i> Flies	= one case 2.0 (1) Animal Cli	nic	North	Free	Kwazulu-	Eastern	Western	Northern
Level of impore reported Goat Gauteng Hammanski Goat: 2 Nuisance PROVINCE	raal, Themba <i>l</i> Flies Mpumalanga	= one case 2.0 (1) Animal Cli Gauteng	nic Limpopo	North West	Free State 3.0 (1)	Kwazulu- Natal	Eastern Cape	Western Cape 2.1 (10)	Northern Cape
Level of impore reported Goat Gauteng Hammanski Goat: 2 Nuisance PROVINCE Average Level of impore	Flies Mpumalanga 2.0 (3)	= one case 2.0 (1) Animal Cli Gauteng	nic Limpopo	North West	Free State 3.0 (1)	Kwazulu- Natal	Eastern Cape	Western Cape 2.1 (10)	Northern Cape
Level of impore reported Goat Gauteng Hammanski Goat: 2 Nuisance PROVINCE Average Level of impore reported	raal, Themba A Flies Mpumalanga 2.0 (3) ortance scale: 1	= one case 2.0 (1) Animal Cli Gauteng	nic Limpopo	North West 3.0 (1) e than or	Free State 3.0 (1)	Kwazulu- Natal 2.8 (4) but less than	Eastern Cape	Western Cape 2.1 (10) = more than	Northern Cape
Level of impore reported Goat Gauteng Hammanski Goat: 2 Nuisance PROVINCE Average Level of impore reported Beef	Taal, Themba A Flies Mpumalanga 2.0 (3) Ortance scale: 1 2.0 (1)	= one case 2.0 (1) Animal Cli Gauteng	nic Limpopo	North West 3.0 (1) e than or	Free State 3.0 (1) ne case	Kwazulu- Natal 2.8 (4) but less than 2.7 (3)	Eastern Cape	Western Cape 2.1 (10) = more tha 1.7 (3) 2.5 (6)	Northern Cape
Level of impereported Goat Gauteng Hammanske Goat: 2 Nuisance PROVINCE Average Level of impereported Beef Dairy	raal, Themba A Flies Mpumalanga 2.0 (3) ortance scale: 1	= one case 2.0 (1) Animal Cli Gauteng	nic Limpopo	North West 3.0 (1) e than or	Free State 3.0 (1) ne case	Kwazulu- Natal 2.8 (4) but less than 2.7 (3)	Eastern Cape	Western Cape 2.1 (10) = more than 1.7 (3)	Northern Cape

Beef: 2, Sheep: 2, Goat: 2 **North West** Stella, Stella Dierekliniek Beef: 3 **Free State** Kroonstad, Kroonstad Dierehospitaal Dairy: 3 Kwazulu-Natal Dundee, Endumeni Herd health Beef: 3, Dairy: 3 Mtubatuba, Mtubatuba Animal Clinic Beef: 2 Vryheid, Vryheid Privaat Veeartse Beef: 3 **Western Cape** George, George Animal Hospital Dairy: 3 Heidelberg (WC), Heidelberg Dierekliniek Dairy: 2 Malmesbury, Dr Otto Kriek Dairy: 3 Malmesbury, Malmesbury Dierehospitaal Beef: 3, Dairy: 3 **Oudtshoorn, Oudtshoorn Dierekliniek** Beef: 1, Sheep: 1 Stellenbosch, Stellenbosch Animal Hospital Beef: 1, Dairy: 1 Swellendam, Swellendam Dierehospitaal Dairy: 3 **Blowflies** PROVINCE Mpumalanga Gauteng Limpopo West State Natal Kwazulu- Eastern Western Northern Cape Cape Cape 3.0 1.0(1)**Average** 1.5 (2) 1.3 (3) 2.0(2)**(2)** Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported **Beef** 1.0(1)2.0(1) (2) Sheep 1.0(1)2.0(1)1.0 (1) 2.0 (2) Goat 1.0(1) Mpumalanga **Balfour, Balfour Dierekliniek** Sheep: 1 Limpopo Mokopane, Potgietersrus Dierekliniek Polokwane, Pietersburg Veterinary Clinic Sheep: 2 **Free State Bloemfontein, Dr Stephan Wessels** Beef: 3 Winburg, Winburg Dierekliniek Beef: 3

Eastern Cape Aliwal North, Beef: 2 Graaff-Reinet Sheep: 1, Goat:	Hertzoabrud								
Beef: 2 Graaff-Reinet	Hertzoabrud								
Graaff-Reinet		j Diereklii	niek						
	Camdehoo	Votorina	v Clinic						
	•	Vetermai	y Cillic						
Western Cape									
Heidelberg (W		erg Diere	kliniek						
Sheep: 2									
Riversdale, Ri	iversdal Dier	ekliniek							
Sheep: 2									
Screw-wor	m								_
PROVINCE M	Ipumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)	1.0 (2)				2.0 (1)		
Level of import reported	ance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef		2.0(1)	1.0(1)				2.0 (1)		
Sheep			1.0(1)						
Gauteng			<u> </u>						
Bronkhorstsp	ruit, Kerkstr	aat Diere	kliniek						
Beef: 2									
Limpopo									
Mokopane, Po	otgietersrus	Diereklini	ek						
Beef: 1									
Polokwane, Pi	ietersburg V	eterinary	Clinic						
Sheep: 1 Eastern Cape									
Port Alfred, Po	ort Alfred Ve	terinary (Clinic						
Beef: 2									
Three cows (Ma	artindale); 1 co	ow (Kap Ri	ver); 1 bull	(Langho	olm); 1 c	ow (Shaw Pa	ark); 1 calf	(Bathurst)	
Nasal bot l	arvae								
itasai bot i	arvac								/
PROVINCE M	Ipumalanga	Gauteng	Limpopo	North		Kwazulu-		Western	Northern
PROVINCE M	Ipumalanga	Gauteng	Limpopo	North West	Free State		Eastern Cape	Western Cape	Northern Cape
PROVINCE M		Gauteng 2.0 (1)	Limpopo						
	2.0 (1)	2.0 (1)		West	2.0 (6)	3.0 (1)	Cape	Cape	Cape
Average Level of import	2.0 (1)	2.0 (1)		West	2.0 (6)	3.0 (1)	Cape	Cape	Cape
Average Level of import reported	2.0 (1)	2.0 (1) = one case		West	2.0 (6) ne case	3.0 (1)	Cape	Cape	Cape
Average Level of import reported Sheep Goat Mpumalanga	2.0 (1) cance scale: 1 2.0 (1)	2.0 (1) = one case 2.0 (1)	e, 2 = more	West	2.0 (6) ne case	3.0 (1)	Cape	Cape	Cape
Average Level of import reported Sheep Goat Mpumalanga Ermelo, Môree	2.0 (1) cance scale: 1 2.0 (1)	2.0 (1) = one case 2.0 (1)	e, 2 = more	West	2.0 (6) ne case	3.0 (1)	Cape	Cape	Cape
Average Level of import reported Sheep Goat Mpumalanga Ermelo, Môreg Goat: 2	2.0 (1) cance scale: 1 2.0 (1)	2.0 (1) = one case 2.0 (1)	e, 2 = more	West	2.0 (6) ne case	3.0 (1)	Cape	Cape	Cape
Average Level of import reported Sheep Goat Mpumalanga Ermelo, Môreg Goat: 2 Gauteng	2.0 (1) cance scale: 1 2.0 (1) gloed Vetering	2.0 (1) = one case 2.0 (1) nêre Spre	e, 2 = more	West	2.0 (6) ne case	3.0 (1)	Cape	Cape	Cape
Average Level of import reported Sheep Goat Mpumalanga Ermelo, Môreg Goat: 2 Gauteng Bronkhorstspi	2.0 (1) cance scale: 1 2.0 (1) gloed Vetering	2.0 (1) = one case 2.0 (1) nêre Spre	e, 2 = more	West	2.0 (6) ne case	3.0 (1)	Cape	Cape	Cape
Average Level of import reported Sheep Goat Mpumalanga Ermelo, Môreg Goat: 2 Gauteng	2.0 (1) cance scale: 1 2.0 (1) gloed Vetering	2.0 (1) = one case 2.0 (1) nêre Spre	e, 2 = more	West	2.0 (6) ne case	3.0 (1)	Cape	Cape	Cape

Sheep: 2									
	Oosvrystaat Di	ere Produ	ıkte						
Sheep: 2									
	Kroonstad Die	rehospita	al						
Sheep: 2									
Ladybrand,	Ladybrand								
Sheep: 3									
	land Dierehos _l	pitaal							
Sheep: 2									
	n, Wesselsbro	n Dierekli	niek						
Sheep: 1									
Kwazulu-Na									
	dumeni Herd h	ieaith							
Sheep: 3									
Midges									^
	N4 1	0- 1		North	Free	Kwazulu-	Eastern	Western	Northern
PROVINCE	Mpumalanga	Gauteng	rimpopo	West	State	Natal	Cape	Cape	Cape
					3.0			(4)	
Average	1.0(1)				(4)	2.0 (1)		2.0 (1)	
					(7)				
Level of impo	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
reported			,						
					2.0				
Beef	1.0(1)				3.0	2.0(1)			
	-113 (-)				(2)	_, (-)			
Dairy								2.0 (1)	
					3.0				
Sheep					(1)				
					3.0				
Goat									
					(1)				
Mpumalang		_							
	four Diereklin	iek							
Beef: 1									
Free State	B'	- •							
	Dierehospita	aı							
Beef: 3, Shee		الماماد							
Winburg, W Beef: 3	inburg Dierek	iiiiek							
Kwazulu-Na	ıtal								
	zburg, Richmo	nd Veteri	nary Clinia	C					
Beef: 2			, •						
Western Ca	pe								
	(WC), Heidelb	erg Diere	kliniek						
Dairy: 2									
Other									
DDOVINCE	Maumalanga	Cautona	Limnono	North	Free	Kwazulu-	Eastern	Western	Northern
PROVINCE	Mpumalanga	dauteng	riiibobo	West	State	Natal	Cape	Cape	Cape
Average		3.0 (2)							
Level of impo	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
reported									

Sheep		3.0 (1)							
Goat		3.0 (1)							
Gauteng									
	raal, Themba <i>l</i>	Animal Cli	nic						
Sheep: 3, Go	at: 3								
Tick-bor	ne Disease	S							
African re	ed water								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (6)	2.0 (2)	2.0 (2)	2.0 (1)	2.5 (4)	1.9 (12)	2.0 (3)	2.2 (5)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	e than o	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef	2.0 (5)	2.0 (2)	2.0 (2)	2.0 (1)	2.5 (4)	1.8 (9)	2.0 (1)	1.5 (2)	
Dairy	2.0 (1)			(1)	(4)	2.3 (3)	2.0 (2)	2.7 (3)	
Mpumalang						2.3 (3)	2.0 (2)	2.7 (3)	<u> </u>
	a nal Diereklinie	k							
Beef: 1	idi Dici cikililic								
Ermelo, Môi	regloed Veteri	nêre Spre	ekkamer						
Dairy: 2									
	, Middelburg I	Dierehosp	itaal						
Beef: 3	D. I W. I. II	•• - •							
Beef: 1	Pets Vet Hosp	ıtaı							
Standerton,	Fconovet								
Beef: 2	LCOHOTCE								
Volksrust, C	ape Cross Vol	ksrust Die	erehospita	al					
Beef: 3									
Gauteng									
	rg, Magaliesbu	ırg; Dr Ry	an Jeffrey	7					
Beef: 2	⊾ Mlalaad:££	. Animal I	احطاحا						
Beef: 2	t, Muldersdrift	. Animai r	iospitai						
Limpopo									
	louberg Diere	kliniek							
Beef: 2									
6 cases									
	Pietersburg V	eterinary	Clinic						
Beef: 2									
North West	, Ventersdorp	Diereklin	iek						
Beef: 2	, ventersuorp	DIGI CRIII							
Free State									
	rankfort Diere	kliniek							
Beef: 3	Kroonstad Die	rehosnita	al						
Beef: 2	onstati Die	. c.iospica	W I						
	gepoort Dierel	kliniek Ve	nnootskap)					
Beef: 2									
	inburg Dierek	liniek							
Beef: 3									

Kwazulu-Na									
	ergville Veteri	nary Clini	С						
Beef: 2									
	dumeni Herd h	ealth							
Beef: 2, Dair									
	tcourt Vet Clir	IIC							
Dairy: 2	1.1 1/.1. 1	Ol' .'.							
	wick Veterinar	y Clinic							
Beef: 3, Dair									
Beef: 2	G.Veterinary S	ervices							
	Mtubatuba Ar	imal Clin	io						
Beef: 2	Mtubatuba Ar	IIIIIai Ciiii	IC .						
	Ncanduvet Ne	wczetlo							
Beef: 1	iveanduvet ive	wcastie							
	zburg, Richmo	nd Votori	nary Clinio						
Beef: 2	zburg, Kicillio	iiu veteri	nary Cillic						
	ngola Animal	Clinic							
Beef: 1		-							
	heid Privaat \	/eeartse							
Beef: 1	,								
Eastern Car	е								
Humansdor	p, Humansdor	p Veterin	ary Clinic						
Dairy: 1	• /								
•	, Cape Cross \	eterinary	/ Hospital						
Dairy: 3		•	· •						
•	n, Queenstowi	1 Veterina	ary clinic						
Beef: 2									
Western Ca	ре								
George, Ge	orge Animal H	ospital							
Dairy: 3									
Dan y i D									
•	(WC), Heidelb	erg Diere	kliniek						
•	(WC), Heidelb	erg Diere	kliniek						
Heidelberg Dairy: 3	(WC), Heidelb								
Heidelberg Dairy: 3									
Heidelberg Dairy: 3 Oudtshoorn Beef: 1		Diereklini							
Heidelberg Dairy: 3 Oudtshoorn Beef: 1	, Oudtshoorn Riversdal Dier	Diereklini							
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dair	, Oudtshoorn Riversdal Dier 7: 2	Diereklini							
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale,	, Oudtshoorn Riversdal Dier 7: 2	Diereklini							^
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dair	, Oudtshoorn Riversdal Dier 7: 2	Diereklini							^
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re	Riversdal Dier 7: 2 d water	Diereklini ekliniek	ek	North		Kwazulu-		Western	^ Northern
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re	, Oudtshoorn Riversdal Dier 7: 2	Diereklini ekliniek	ek	North West		Kwazulu- Natal	Eastern Cape	Western Cape	^ Northern Cape
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re	Riversdal Dier 7: 2 d water	Diereklini ekliniek	ek	West	State				
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re	Riversdal Dier 7: 2 d water Mpumalanga	Diereklini ekliniek Gauteng	Limpopo			Natal	Cape	Cape	
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re	Riversdal Dier 7: 2 d water	Diereklini ekliniek Gauteng	ek	West 2.0	State 2.3		Cape	Cape	
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re	Riversdal Dier 7: 2 d water Mpumalanga	Diereklini ekliniek Gauteng	Limpopo	West	State	Natal	Cape	Cape	
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re PROVINCE	Riversdal Dier y: 2 ed water Mpumalanga	Dierekliniek Gauteng 2.0 (1)	Limpopo 2.0 (3)	2.0 (1)	2.3 (7)	2.0 (6)	Cape 2.0 (6)	2.0 (3)	Cape
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re PROVINCE Average	Riversdal Dier 7: 2 d water Mpumalanga	Dierekliniek Gauteng 2.0 (1)	Limpopo 2.0 (3)	2.0 (1)	2.3 (7)	2.0 (6)	Cape 2.0 (6)	2.0 (3)	Cape
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re PROVINCE	Riversdal Dier y: 2 ed water Mpumalanga	Dierekliniek Gauteng 2.0 (1)	Limpopo 2.0 (3)	West 2.0 (1) e than or	2.3 (7) ne case	2.0 (6)	Cape 2.0 (6)	2.0 (3)	Cape
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re PROVINCE Average Level of imporeported	Riversdal Dier y: 2 ed water Mpumalanga 2.2 (5) ortance scale: 1	Dierekliniek Gauteng 2.0 (1) = one case	Limpopo 2.0 (3) e, 2 = more	2.0 (1)	2.3 (7)	2.0 (6)	2.0 (6) ten and 3	2.0 (3) = more tha	Cape
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re PROVINCE Average	Riversdal Dier y: 2 ed water Mpumalanga	Dierekliniek Gauteng 2.0 (1)	Limpopo 2.0 (3) e, 2 = more	West 2.0 (1) e than or	2.3 (7) ne case	2.0 (6)	Cape 2.0 (6)	2.0 (3)	Cape
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re PROVINCE Average Level of imporeported Beef	Riversdal Dier y: 2 ed water Mpumalanga 2.2 (5) ortance scale: 1	Dierekliniek Gauteng 2.0 (1) = one case	Limpopo 2.0 (3) e, 2 = more	2.0 (1) e than or 2.0	2.3 (7) ne case 2.3	2.0 (6)	2.0 (6) ten and 3	2.0 (3) = more tha 1.0 (1)	Cape
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re PROVINCE Average Level of impreported Beef Dairy	Riversdal Dier y: 2 ed water Mpumalanga 2.2 (5) ortance scale: 1 2.2 (5)	Dierekliniek Gauteng 2.0 (1) = one case	Limpopo 2.0 (3) e, 2 = more	2.0 (1) e than or 2.0	2.3 (7) ne case 2.3	2.0 (6)	2.0 (6) ten and 3	2.0 (3) = more tha	Cape
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re PROVINCE Average Level of impreported Beef Dairy Mpumalang	Riversdal Dier y: 2 ed water Mpumalanga 2.2 (5) ortance scale: 1 2.2 (5)	Dierekliniek Gauteng 2.0 (1) = one case 2.0 (1)	Limpopo 2.0 (3) e, 2 = more	2.0 (1) e than or 2.0	2.3 (7) ne case 2.3	2.0 (6)	2.0 (6) ten and 3	2.0 (3) = more tha 1.0 (1)	Cape
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re PROVINCE Average Level of imprreported Beef Dairy Mpumalang Balfour, Bal	Riversdal Dier y: 2 ed water Mpumalanga 2.2 (5) ortance scale: 1 2.2 (5)	Dierekliniek Gauteng 2.0 (1) = one case 2.0 (1)	Limpopo 2.0 (3) e, 2 = more	2.0 (1) e than or 2.0	2.3 (7) ne case 2.3	2.0 (6)	2.0 (6) ten and 3	2.0 (3) = more tha 1.0 (1)	Cape
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re PROVINCE Average Level of impreported Beef Dairy Mpumalang Balfour, Bal Beef: 2	Riversdal Dier y: 2 ed water Mpumalanga 2.2 (5) ortance scale: 1 2.2 (5)	Gauteng 2.0 (1) = one case 2.0 (1)	Limpopo 2.0 (3) e, 2 = more	2.0 (1) e than or 2.0	2.3 (7) ne case 2.3	2.0 (6)	2.0 (6) ten and 3	2.0 (3) = more tha 1.0 (1)	Cape
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re PROVINCE Average Level of imporeported Beef Dairy Mpumalang Balfour, Bal Beef: 2 Bethal, Betl	Riversdal Dier y: 2 ed water Mpumalanga 2.2 (5) ortance scale: 1 2.2 (5)	Gauteng 2.0 (1) = one case 2.0 (1)	Limpopo 2.0 (3) e, 2 = more	2.0 (1) e than or 2.0	2.3 (7) ne case 2.3	2.0 (6)	2.0 (6) ten and 3	2.0 (3) = more tha 1.0 (1)	Cape
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re PROVINCE Average Level of imporeported Beef Dairy Mpumalang Balfour, Bal Beef: 2 Bethal, Betl Beef: 2	Riversdal Dier y: 2 ed water Mpumalanga 2.2 (5) ortance scale: 1 2.2 (5)	Gauteng 2.0 (1) = one case 2.0 (1)	Limpopo 2.0 (3) e, 2 = more 2.0 (3)	2.0 (1) e than or 2.0	2.3 (7) ne case 2.3	2.0 (6)	2.0 (6) ten and 3	2.0 (3) = more tha 1.0 (1)	Cape
Heidelberg Dairy: 3 Oudtshoorn Beef: 1 Riversdale, Beef: 2, Dairy Asiatic re PROVINCE Average Level of impreported Beef Dairy Mpumalang Balfour, Bal Beef: 2 Bethal, Betl Beef: 2	Riversdal Dier y: 2 ed water Mpumalanga 2.2 (5) ortance scale: 1 2.2 (5)	Gauteng 2.0 (1) = one case 2.0 (1)	Limpopo 2.0 (3) e, 2 = more 2.0 (3)	2.0 (1) e than or 2.0	2.3 (7) ne case 2.3	2.0 (6)	2.0 (6) ten and 3	2.0 (3) = more tha 1.0 (1)	Cape

Standerton, Econovet Beef: 2 **Volksrust, Cape Cross Volksrust Dierehospitaal** Beef: 2 Gauteng **Bronkhorstspruit, Kerkstraat Dierekliniek** Beef: 2 Limpopo Makhado, Blouberg Dierekliniek Beef: 2 3 cases **Mokopane, Potgietersrus Dierekliniek** Beef: 2 **Polokwane, Pietersburg Veterinary Clinic** Beef: 2 **North West Brits, Brits Dierekliniek** Beef: 2 **Free State** Clocolan, Clocolan Dierekliniek Beef: 2 Frankfort, Frankfort Dierekliniek Beef: 3 **Memel, Memel Veterinary Clinic** Beef: 2 Reitz, Riemland Dierehospitaal Beef: 1 Villiers, Wilgepoort Dierekliniek Vennootskap Beef: 2 Vrede, Vrede Dierehospitaal Beef: 3 Winburg, Winburg Dierekliniek Beef: 3 Kwazulu-Natal **Bergville, Bergville Veterinary Clinic** Bergville, Tugela Vet Clinic Beef: 2 **Dundee, Endumeni Herd health** Beef: 3 **Kokstad, E.G.Veterinary Services** Beef: 2 Pietermaritzburg, Richmond Veterinary Clinic Beef: 2 **Vryheid, Vryheid Privaat Veeartse** Beef: 1 **Eastern Cape Humansdorp, Humansdorp Veterinary Clinic** Deaths reported by farmers (20 dairy cattle, mainly cows) died of Asiatic red water. **Kareedouw, Tenax Vet Clinic** Beef: 2 Port Alfred, Port Alfred Veterinary Clinic Five adult cows (Kleinemonde); 3 adult cows (Port Alfred); 8 cows and young calves (Southwell) Queenstown, Queenstown Veterinary clinic Beef: 1 Stutterheim, Stutterheim Veterinary Clinic

Beef: 2

Uitenhage, Uitenhage Dierehospitaal

Beef: 1									
Western Ca	pe								
	orge Animal H	ospital							
Dairy: 3									
Oudtshoorn	, Oudtshoorn	Diereklini	ek						
Beef: 1									
	n, Swellendam	Dierehos	pitaal						
Dairy: 2									
Anaplasn	nosis								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.4 (5)	1.7 (3)		2.5 (4)	2.2 (9)	2.0 (4)	2.3 (3)	2.0 (8)	ı
Level of impore	ortance scale: 1	= one case	e, 2 = more	e than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef	1.5 (4)	1.5 (2)		2.5 (4)	2.2 (9)	2.0 (2)	2.0 (2)	2.0 (1)	
Daire	1.0.(1)	2.0.(1)		(4)	(3)	2.0.(2)	2.0.(1)	2.0.(7)	
Dairy	1.0 (1)	2.0 (1)				2.0 (2)	3.0 (1)	2.0 (7)	
Mpumalang									
•	four Diereklin	іек							
Beef: 1									
Dairy: 1	regloed Veteri	nere Spre	еккатег						
	, Middelburg I	Nierehoen	itaal						
Beef: 1	, midueiburg i	olei eliosp	ıtadi						
	Pets Vet Hosp	ital							
Beef: 3	i cus vec mosp								
	Cape Cross Vol	ksrust Die	erehospita	al					
Beef: 1									
Gauteng									
Bronkhorsts	spruit, Kerkstr	aat Diere	kliniek						
Dairy: 2									
	rg, Magaliesbu	ırg; Dr Ry	an Jeffrey	7					
Beef: 2									
·	nderstepoort A	cademic	Hospital a	nd Prod	luction	Animal Clin	ic		
Beef: 1									
North West									
Beef: 2	Dierekliniek								
	Christiana Die	rehospita	al						
	stad, Leeudori	ngstad Di	erekliniek	(
Beef: 3	, 	gotaa Di	- Citimon						
	25 Charolais catt	le a few di	ed. Animals	were bi	rought ir	n from Piet Pl	lessis		
	o, Ventersdorp				<u> </u>				
Beef: 2									
Free State									
	in, Dr Stephan	Wessels							
Beef: 2									
	rankfort Diere	kliniek							
Beef: 2									
	loopstad Diere	ekliniek							
Beef: 3	Vroonstad Dia	roboonite	al						
Kroonstaa,	Kroonstad Die	пеноѕріта	al						

Beef: 3		•							
	s Dierehospita	al							
Beef: 2	land Dierehos	-:							
Beef: 2	ianu Dierenos	pitaai							
	gepoort Dierel	kliniak Va	nnootekar	•					
Beef: 2	gepoort Dierei	KIIIIIEK VE	шоосэкар	,					
	n, Wesselsbro	n Diarakli	niek						
Beef: 1	ii, wesselsbio	II DICICKII	IIICK						
	/inburg Dierek	liniek							
Beef: 3	iniburg Dicrek	iiiick							
Kwazulu-Na	atal								
	ugela Vet Clini	ic							
Beef: 2		-							
Dundee, En	dumeni Herd l	nealth							
Dairy: 2									
	wick Veterina	ry Clinic							
Dairy: 2									
	yheid Privaat \	/eeartse							
Beef: 2									
Eastern Cap									
	et, Graaff Rei	net Veteri	nary Clinic	3					
Beef: 2									
	y, Cape Cross \	Veterinary	/ Hospital						
Dairy: 3									
	n, Queenstow	n Veterina	ry clinic						
Beef: 2									
Western Ca	-								
	gerberg Diereh	nospitaal I	Darling						
Dairy: 2									
	orge Animal H	ospitai							
Dairy: 2	(WC) Haidalb	ora Dioro	klimiak						
Dairy: 2	(WC), Heidelb	erg Diere	Kiiniek						
	v Invitratach								
	y, Invitrotech								
Dairy: 2		Dierehos	nitaal						
Dairy: 2 Malmesbur	y, Invitrotech y, Malmesbury	Dierehos	pitaal						
Dairy: 2 Malmesbury Dairy: 2	y, Malmesbury		pitaal						
Dairy: 2 Malmesbury Dairy: 2 Riversdale,	y, Malmesbury Riversdal Diei		pitaal						
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy	y, Malmesbury Riversdal Dier y: 2	rekliniek							
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan	y, Malmesbury Riversdal Diei	rekliniek							
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy	y, Malmesbury Riversdal Dier y: 2	rekliniek							
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan	y, Malmesbury Riversdal Dier y: 2 n, Swellendam	rekliniek							^
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan Dairy: 2	y, Malmesbury Riversdal Dier y: 2 n, Swellendam	rekliniek							^
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan Dairy: 2 Heartwat	y, Malmesbury Riversdal Dier y: 2 n, Swellendam	rekliniek Dierehos	pitaal	North		Kwazulu-	Eastern	Western	^_ Northern
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan Dairy: 2 Heartwat	y, Malmesbury Riversdal Dier y: 2 n, Swellendam	rekliniek Dierehos	pitaal	North West	Free		Eastern Cape	Western Cape	^ Northern Cape
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan Dairy: 2 Heartwat	y, Malmesbury Riversdal Dier y: 2 n, Swellendam	rekliniek Dierehos	pitaal		State				
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan Dairy: 2 Heartwat	y, Malmesbury Riversdal Dier y: 2 n, Swellendam ter Mpumalanga	rekliniek Dierehos Gauteng	pitaal Limpopo			Natal	Cape		
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan Dairy: 2 Heartwat	y, Malmesbury Riversdal Dier y: 2 n, Swellendam	rekliniek Dierehos Gauteng	pitaal		State		Cape		
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan Dairy: 2 Heartwat PROVINCE	Riversdal Dier y: 2 n, Swellendam ter Mpumalanga	Gauteng	Limpopo	West	2.0 (1)	Natal 1.7 (14)	Cape 1.2 (5)	Саре	Cape
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan Dairy: 2 Heartwat PROVINCE Average	y, Malmesbury Riversdal Dier y: 2 n, Swellendam ter Mpumalanga	Gauteng	Limpopo	West	2.0 (1)	Natal 1.7 (14)	Cape 1.2 (5)	Саре	Cape
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan Dairy: 2 Heartwat PROVINCE	Riversdal Dier y: 2 n, Swellendam ter Mpumalanga	Gauteng	Limpopo	West	2.0 (1)	Natal 1.7 (14)	Cape 1.2 (5)	Саре	Cape
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan Dairy: 2 Heartwat PROVINCE Average Level of imporeported	Riversdal Dier y: 2 n, Swellendam ter Mpumalanga 3.0 (2) ortance scale: 1	Gauteng 2.0 (4) = one case	Limpopo 2.0 (8) 2, 2 = more	West	2.0 (1)	1.7 (14) but less than	1.2 (5) ten and 3	Саре	Cape
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan Dairy: 2 Heartwat PROVINCE Average	Riversdal Dier y: 2 n, Swellendam ter Mpumalanga	Gauteng	Limpopo	West	2.0 (1) ne case 2.0	Natal 1.7 (14)	Cape 1.2 (5)	Саре	Cape
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan Dairy: 2 Heartwat PROVINCE Average Level of imporeported Beef	Riversdal Dier y: 2 n, Swellendam ter Mpumalanga 3.0 (2) ortance scale: 1	Gauteng 2.0 (4) = one case	Limpopo 2.0 (8) 2, 2 = more	West	2.0 (1)	1.7 (14) but less than 1.7 (6)	1.2 (5) ten and 3	Саре	Cape
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan Dairy: 2 Heartwat PROVINCE Average Level of imporeported	Riversdal Dier y: 2 n, Swellendam ter Mpumalanga 3.0 (2) ortance scale: 1	Gauteng 2.0 (4) = one case	Limpopo 2.0 (8) 2, 2 = more	West	2.0 (1) ne case 2.0	1.7 (14) but less than	1.2 (5) ten and 3	Саре	Cape
Dairy: 2 Malmesbury Dairy: 2 Riversdale, Beef: 2, Dairy Swellendan Dairy: 2 Heartwat PROVINCE Average Level of imporeported Beef	Riversdal Dier y: 2 n, Swellendam ter Mpumalanga 3.0 (2) ortance scale: 1	Gauteng 2.0 (4) = one case 2.0 (3)	Limpopo 2.0 (8) 2, 2 = more	West	2.0 (1) ne case 2.0	1.7 (14) but less than 1.7 (6)	1.2 (5) ten and 3	Саре	Cape

Goat 3.0 (1) 2.0 (2) 1.7 (3) 1.0 (2)

Mpumalanga
Middelburg , Middelburg Dierehospitaal
Beef: 3, Goat: 3

Gauteng Bronkhorstspruit, Kerkstraat Dierekliniek

Hammanskraal, Themba Animal Clinic

Beef: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 2, Sheep: 2 Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3 12 cases

Modimolle, Kranskop Dierekliniek

Sheep: 1

Mokopane, Potgietersrus Dierekliniek

Beef: 1, Sheep: 1, Goat: 1

Polokwane, Pietersburg Veterinary Clinic

Beef: 3, Sheep: 3, Goat: 3

Free State

Ficksburg, Oosvrystaat Diere Produkte

Beef: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2

Camperdown, Camperdown Vet Clinic

Beef: 2

Dundee, Endumeni Herd health

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 1, Dairy: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Pietermaritzburg, Richmond Veterinary Clinic

Sheep: 2

Pongola, Pongola Animal Clinic

Beef: 1

Odd strain of heartwater?

Sheep: 1, Goat: 1

Vryheid, Vryheid Privaat Veeartse

Sheep: 2, Goat: 2

Eastern Cape

Bathurst, Dr Jane Pistorius

Goat: 1

Humansdorp, Humansdorp Veterinary Clinic

Beef: 1

Port Alfred, Port Alfred Veterinary Clinic

Sheen: 2

One case (Port Alfred); One case (Peddie)

Goat: 1

One case (Martindale)

Uitenhage, Uitenhage Dierehospitaal

Sheep: 1

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)		1.5 (2)	3.0 (3)	2.0 (4)				
Level of imported	ortance scale: 1	= one case	e, 2 = more	e than or	ne case I	out less than	ten and 3	= more tha	n 10 cases
Beef	3.0 (1)		1.5 (2)	3.0 (3)	2.0 (4)				
Mpumalang			·• I		` ` `				
Beef: 3	, Middelburg I	Jierenosp	ıtaaı						
Limpopo									
	louberg Diere	kliniek							
Beef: 2									
7 cases									
	Potgietersrus	Diereklini	iek						
Beef: 1									
North West	Christiana Die	rohoenita	al						
Beef: 3	Ciliistialia Die	enospita	aı						
	stad, Leeudori	ngstad Di	erekliniek	[
Beef: 3	•								
	a Dierekliniek								
Beef: 3									
Free State	i D Ct	W							
Beef: 1	in, Dr Stephan	wessels							
	loopstad Diere	kliniek							
Beef: 3	loopstad Diere	CKIIIICK							
Kroonstad,	Kroonstad Die	rehospita	al						
Beef: 3									
Wesselsbro Beef: 1	n, Wesselsbro	n Dierekli	niek						
Insect T	ransmittab	le Dise	ases						
Lumpy sk	cin disease								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.4 (5)	1.7 (3)	2.0 (4)	3.0 (2)	2.1 (9)	2.3 (12)	1.0 (1)		3.0 (1)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef	2.3 (4)	1.7 (3)	2.0 (4)	3.0 (2)	2.1 (9)	2.3 (11)	1.0 (1)		3.0 (1)
Dairy	3.0 (1)					2.0(1)			
Mpumalang	a								
Ermelo, Mô	regloed Veteri	nêre Spre	ekkamer						
Dairy: 3									
Malelane. M	lalelane Dierel	kliniek							

Beef: 2 Middelburg, Middelburg Dierehospitaal Beef: 3 Piet Retief, Pets Vet Hospital Beef: 3 **Volksrust, Cape Cross Volksrust Dierehospitaal** Beef: 1 Gauteng **Bronkhorstspruit, Kerkstraat Dierekliniek** Hammanskraal, Themba Animal Clinic Magaliesburg, Magaliesburg; Dr Ryan Jeffrey Beef: 2 Limpopo Makhado, Blouberg Dierekliniek Beef: 2 4 cases **Modimolle, Kranskop Dierekliniek** Beef: 2 Three cattle died, confirmed on histology; outbreak on another farm reported by farmer. **Mokopane, Potgietersrus Dierekliniek** Polokwane, Pietersburg Veterinary Clinic Beef: 1 **North West** Christiana, Christiana Dierehospitaal Leeudoringstad, Leeudoringstad Dierekliniek Beef: 3 **Free State** Clocolan, Clocolan Dierekliniek Beef: 2 Ficksburg, Oosvrystaat Diere Produkte Beef: 2 Hoopstad, Hoopstad Dierekliniek Kroonstad, Kroonstad Dierehospitaal Beef: 2 Parys, Parys Dierehospitaal Beef: 2 **Reitz, Froneman Veterinary Practice** Beef: 2 Reitz, Riemland Dierehospitaal Beef: 2 Vrede, Vrede Dierehospitaal Beef: 2 Winburg, Winburg Dierekliniek Beef: 2 Kwazulu-Natal **Bergville, Bergville Veterinary Clinic** Beef: 2 Bergville, Tugela Vet Clinic Camperdown, Camperdown Vet Clinic Beef: 2 **Dundee, Endumeni Herd health Estcourt, Estcourt Vet Clinic** Beef: 3

Howick Ho	wick Veterina	y Clinic							
Beef: 2, Dairy	<i>ı</i> : 2	-							
Rokstad, E.C Beef: 3	G.Veterinary S	ervices							
	Ncanduvet Ne	wcastle							
Beef: 1	incanduvet inc	wcastic							
	zburg, Richmo	nd Veteri	nary Clinic	C					
Beef: 2			-						
	ngola Animal	Clinic							
Beef: 3									
Wide spread	daid Duivaat \	/ 							
Beef: 2	heid Privaat \	reeartse							
Eastern Cap	e e								
	et, Graaff Reir	net Veteri	nary Clinic	C					
Beef: 1	•		-						
Northern Ca Kimberley, I Beef: 3	ipe Kimberley Die	rekliniek							
Three-day	y-stiffsickn	ess							^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.5 (2)	2.0 (1)	1.3 (3)	2.5 (2)	1.7 (3)	1.3 (3)		1.0 (1)	3.0 (1)
Level of impore	ortance scale: 1	= one case	e, 2 = more	e than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef	2.5 (2)	2.0 (1)	1.3 (3)	2.5 (2)	1.7 (3)	1.3 (3)			3.0 (1)
Dairy								1.0(1)	
Mpumalang	а								
	, Middelburg I	Dierehosp	itaal						
Beef: 2									
	Pets Vet Hosp	ital							
Beef: 3 Gauteng									
	spruit, Kerkstr	aat Diere	kliniek						
Beef: 2									
Limpopo									
	louberg Diere	kliniek							
Beef: 2									
2 cases	Potgietersrus	Diaraklini	ok						
Beef: 1	rotgietersius	Dielekiiii	CK						
	Pietersburg V	eterinary	Clinic						
Beef: 1		· ·							
North West									
Christiana, G Beef: 2	Christiana Die	renospita	al						
	stad, Leeudori	nastad Di	erekliniek	(
Beef: 3	July Eccudori	gotaa Di	C. CAIIIICK	•					
Free State									
	in, Dr Stephan	Wessels							
Beef: 1									
ricksburg, C	Oosvrystaat Di	ere Produ	ıkte						

Average 1.0 (1) 1.0 (1) 1.0 (1) 1.0 (1) 2.0 (1) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 case reported Beef 2.0 (1) Sheep 1.0 (1) 1.8 (4) 1.8 (4) Sheep: 1 One animal died Kwazulu-Natal Kokstad, E.G. Veterinary Services Beef: 2 Western Cape Cale Cape C											
Beef: 2 Western Cape Rowrastle, Namalanga Gauteng Limpopo Rowrastle importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 case reported Beef 1 1.0 (1) 1.0 (1) 1.0 (1) 1.0 (1) 1.0 (1) 1.0 (1) 2.0 (1) 3.8 (4) 1.8 (4) 1.9 (4) 1.9 (4) 1.9 (4) 1.9 (5) 1.9 (1) 1.9 (
Kwazulu-Natal Beergville, Tugela Vet Clinic Beef: 1 Newcastle, Ncanduvet Newcastle Beef: 2 Western Cape Heidelberg (WC), Heidelberg Dierekliniek Beef: 3 Blue tongue PROVINCE Mpumalanga Gauteng Limpopo North West State Natal Cape Cape Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 case reported Beef 2 Lo (1) 1.0 (1) 2.0 (1) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 case but le		Kroonstad Die	rehospita	al							
Bergille, Tugela Vet Clinic Beef: 1 Newcastle, Ncanduvet Newcastle Beef: 1 PRONJOLA Pongola Animal Clinic Beef: 2 Western Cape Heidelberg (WC), Heidelberg Dierekliniek Dairy: 1 Norther Cape Kimberley, Kimberley Dierekliniek Beef: 3 Blue tongue PROVINCE Mpumalanga Gauteng Limpopo North State S											
Beef: 1 Pongola, Pongola Animal Clinic Beef: 2 Western Cape Heidelberg (WC), Heidelberg Dierekliniek Beef: 3 Blue tongue PROVINCE Mpumalanga Gauteng Limpopo North State State State In and 3 = more than 10 cast reported Beef Beef: 2 Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cast reported Beef: 3 Sheep 1.0 (1) 1.0 (1) 2.0 (1) 1.8 (4) Sheep 1.0 (1) 1.8 (4) Gauteng Bronkhorstspruit, Kerkstraat Dierekliniek Sheep: 1 North West Leveldoringstad, Leeudoringstad Dierekliniek Sheep: 1 North West Cape Western Appear Show Sheep: 2 Western Appear Sheep 1.0 (1) 1.0 (1) 1.8 (4) Leveloringstad, Leeudoringstad Dierekliniek Sheep: 1 North West Cape Western Appear Sheep: 2 Western Appear Sheep: 2 Western Appear Sheep: 3 Western Appear Sheep: 3 Western Appear Sheep: 3 Western Appear Sheep: 4 Western Appear Sheep: 4 Western Appear Sheep: 4 Western Appear Sheep: 5 Western Appear Sheep: 2 Western Cape Western Appear Sheep: 6 Western Appear Sheep: 9 Western Appear Sh											
Newcastle, Ncanduvet Newcastle Beef: 1 Pongola, Pongola Animal Clinic Beef: 2 Western Cape Heidelberg (WC), Heidelberg Dierekliniek Dairy: 1 Northern Cape Kimberley, Kimberley Dierekliniek Beef: 3 Blue tongue PROVINCE Mpumalanga Gauteng Limpopo North Kest State Natal Cape Cape Cape Cape Average 1.0 (1) 1.0 (1) 2.0 (1) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cast reported Beef 2.0 (1) 1.8 (4) Sheep: 1 North West Leeudoringstad, Leeudoringstad Dierekliniek Sheep: 1 North West Leeudoringstad, E.G. Veterinary Services Beef: 2 Western Cape Cape Sheep: 2 Western Cape Caledon, Overberg Veterinary Hospital Sheep: 2 Heidelberg (WC), Heidelberg Dierekliniek Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis		ugela Vet Clini	ic								
Beef: 1 Pongola, Pongola Animal Clinic Beef: 2 Western Cape Heidelberg (WC), Heidelberg Dierekliniek Dairy: 1 Northern Cape Kimberley, Kimberley Dierekliniek Beef: 3 Blue tongue PROVINCE Mpumalanga Gauteng Limpopo (i) 1.0 (i) 2.0 (i) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 case reported Beef 1.0 (1) 1.0 (1) 1.0 (1) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 case reported Beef 2.0 (1) 1.8 (4) Gauteng Bronkhorstspruit, Kerkstraat Dierekliniek Sheep: 1 North West Leeudoringstad, Leeudoringstad Dierekliniek Sheep: 1 North West Leeudoringstad, Leeudoringstad Dierekliniek Sheep: 2 Western Cape Western Cape 2.0 (1) 1.8 (4) 2.0 (1) 2.0 (1) 2.0 (1) 4.8 (4) 4.8											
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Reef: 2 Western Cape Heidelberg (WC), Heidelberg Dierekliniek Dairy: 1 Northern Cape Kimberley, Kimberley Dierekliniek Beef: 3 Blue tongue PROVINCE Mpumalanga Gauteng Limpopo North West State Natal Cape North Cape Average 1.0 (1) 1.0 2.0 (1) 2.0 (1) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 case reported Beef 2.0 (1) 1.8 (4) Gauteng Bronkhorstspruit, Kerkstraat Dierekliniek Sheep: 1 North West Leveldoringstad, Leeudoringstad Dierekliniek Sheep: 1 One animal died Kwazulu-Natal Kokstad, E.G. Veterinary Services Beef: 2 Western Cape Caledon, Overberg Veterinary Hospital Sheep: 2 Ceres, Ceres Veterinary Hospital Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis	Beef: 1										
Western Cape Heidelberg (WC), Heidelberg Dierekliniek Dairy: 1 Northern Cape Kimberley, Kimberley Dierekliniek Beef: 3 Blue tongue PROVINCE Mpumalanga Gauteng Limpopo North Free Kwazulu- Cape Cape Caledon, Overberg Veterinary Hospital Sheep: 2 Cares, Cares Veterinary Hospital Sheep: 2 Cares, Cares Veterinary Hospital Sheep: 2 Cares, Cares Veterinary Hospital Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Mpumalanga Gauteng Limpopo North Free Kwazulu- Eastern Western North Western Cape Cauteng Limpopo North Free Kwazulu- Eastern Western North Western Cape Cape Cape Cape Cape Cape Cape Cape	Pongola, Po	ngola Animal	Clinic								
Heidelberg (WC), Heidelberg Dierekliniek Dairy: 1 Northern Cape Kimberley, Kimberley Dierekliniek Beef: 3 Blue tongue PROVINCE Mpumalanga Gauteng Limpopo North Free Kwazulu- Cape Cape Cape Average	Beef: 2										
Dairy: 1 Northern Cape Kimberley, Kimberley Dierekliniek Beef: 3 Blue tongue PROVINCE Mpumalanga Gauteng Limpopo North Free Kwazulu- Cape Cape Cape Average 1.0 (1) 2.0 (1) 2.0 (1) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 case reported Beef 2.0 (1) 1.8 (4) Sheep: 1 North West Leudoringstad, Leeudoringstad Dierekliniek Sheep: 1 North West Leeudoringstad, Leeudoringstad Dierekliniek Sheep: 1 One animal died Kwazulu-Natal Kokstad, E.G. Veterinary Services Beef: 2 Western Cape Caledon, Overberg Veterinary Hospital Sheep: 2 Heidelberg (WC), Heidelberg Dierekliniek Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 2 Venereal Diseases Trichomonosis	Western Ca	ре									
Norther Cape Kimberley, Kimberley Dierekliniek Beef: 3 Blue tongue PROVINCE Mpumalanga Gauteng Limpopo North State State Natal Cape Cape Cape Average	Heidelberg	(WC), Heidelb	erg Dierel	kliniek							
Blue tongue PROVINCE Mpumalanga Gauteng Limpopo North Free West State Natal Eastern Cape Cape North North North North North West Leeudoringstad Dierekliniek Sheep: 1 Western Cape North North North North North Cape North Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 2 Venereal Diseases Trichomonosis	Dairy: 1										
Beef: 3 Blue tongue PROVINCE Mpumalanga Gauteng Limpopo West State Natal Eastern Cape Cape Cape Cape Average 1.0 (1) 1.0 (1) 2.0 (1) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 case reported Beef 2.0 (1) 1.8 (4) Gauteng Bronkhorstspruit, Kerkstraat Dierekliniek Sheep: 1 North West Leeudoringstad Dierekliniek Sheep: 1 One animal died Kwazulu-Natal Kokstad, E.G. Veterinary Services Beef: 2 Western Cape Cape Cape Ceres, Ceres Veterinary Hospital Sheep: 2 Ceres, Ceres Veterinary Hospital Sheep: 2 Beliebosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Mayumalanga Gauteng Limpopo North Free Kwazulu- Eastern Western North Stellenbosch North Stellenbosch North Stellenbosch North Stellenbosch North Stellenbosch North Sheep: 1 Venereal Diseases	Northern Ca	ре									
PROVINCE Mpumalanga Gauteng Limpopo North West State Kwazulu- Cape Cape Cape Cape Cape Cape Cape Cape	Kimberley,	Kimberley Die	rekliniek								
PROVINCE Mpumalanga Gauteng Limpopo West State Kwazulu- Eastern Cape Cape Cape Average 1.0 (1) 1.0 (1) 2.0 (1) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 case reported Beef 2.0 (1) 1.8 (4) Sheep 1.0 (1) 1.0 (1) 1.0 (1) 1.8 (4) Gauteng Bronkhorstspruit, Kerkstraat Dierekliniek Sheep: 1 North West Leeudoringstad, Leeudoringstad Dierekliniek Sheep: 1 One animal died Kwazulu- Natal Kokstad, E.G. Veterinary Hospital Sheep: 2 Ceres, Ceres Veterinary Hospital Sheep: 2 Heidelberg (WC), Heidelberg Dierekliniek Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Maumalanga Gauteng Limpopo North Free Kwazulu- Eastern Western Northe	Beef: 3										
PROVINCE Mpumalanga Gauteng Limpopo West State Kwazulu- Eastern Cape Cape Cape Average 1.0 (1) 1.0 (1) 2.0 (1) 1.8 (4) Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 case reported Beef 2.0 (1) 1.8 (4) Sheep 1.0 (1) 1.0 (1) 1.0 (1) 1.8 (4) Gauteng Bronkhorstspruit, Kerkstraat Dierekliniek Sheep: 1 North West Leeudoringstad, Leeudoringstad Dierekliniek Sheep: 1 One animal died Kwazulu- Natal Kokstad, E.G. Veterinary Hospital Sheep: 2 Ceres, Ceres Veterinary Hospital Sheep: 2 Heidelberg (WC), Heidelberg Dierekliniek Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Maumalanga Gauteng Limpopo North Free Kwazulu- Eastern Western Northe											
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 case reported Beef 2.0 (1) 1.8 (4) Sheep 1.0 (1) 1.0 (1) 1.8 (4) Sheep: 1 North West Leeudoringstad Dierekliniek Sheep: 1 One animal died Kwazulu-Natal Kokstad, E.G. Veterinary Services Beef: 2 Western Cape Caledon, Overberg Veterinary Hospital Sheep: 2 Ceres, Ceres Veterinary Hospital Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis				•	west	State	Natal	Cape	Cape	cape	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 case reported Beef 2.0 (1) 1.8 (4) Sheep 1.0 (1) 1.0 (1) 1.8 (4) Sheep: 1 North West Leeudoringstad Dierekliniek Sheep: 1 One animal died Kwazulu-Natal Kokstad, E.G. Veterinary Services Beef: 2 Western Cape Caledon, Overberg Veterinary Hospital Sheep: 2 Ceres, Ceres Veterinary Hospital Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis											
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Bronkhorstspruit, Kerkstraat Dierekliniek Sheep: 1 North West Leeudoringstad, Leeudoringstad Dierekliniek Sheep: 1 One animal died Kwazulu-Natal Kokstad, E.G.Veterinary Services Beef: 2 Western Cape Caledon, Overberg Veterinary Hospital Sheep: 2 Ceres, Ceres Veterinary Hospital Sheep: 2 Heidelberg (WC), Heidelberg Dierekliniek Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Maumalanga Gauteng Limpage North Free Kwazulu- Eastern Western Northe	Gauteng										
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Leeudoringstad, Leeudoringstad Dierekliniek Sheep: 1 One animal died Kwazulu-Natal Kokstad, E.G.Veterinary Services Beef: 2 Western Cape Caledon, Overberg Veterinary Hospital Sheep: 2 Ceres, Ceres Veterinary Hospital Sheep: 2 Heidelberg (WC), Heidelberg Dierekliniek Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis											
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One animal died Kwazulu-Natal Kokstad, E.G.Veterinary Services Beef: 2 Western Cape Caledon, Overberg Veterinary Hospital Sheep: 2 Ceres, Ceres Veterinary Hospital Sheep: 2 Heidelberg (WC), Heidelberg Dierekliniek Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Maumalanga Gauteng Limpono North Free Kwazulu- Eastern Western Northe		, , , , , , , , , , , , , , , , , , , ,	J								
Kwazulu-Natal Kokstad, E.G.Veterinary Services Beef: 2 Western Cape Caledon, Overberg Veterinary Hospital Sheep: 2 Ceres, Ceres Veterinary Hospital Sheep: 2 Heidelberg (WC), Heidelberg Dierekliniek Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Maumalanga Gautang Limpono North Free Kwazulu- Eastern Western Northe		ied									
Kokstad, E.G. Veterinary Services Beef: 2 Western Cape Caledon, Overberg Veterinary Hospital Sheep: 2 Ceres, Ceres Veterinary Hospital Sheep: 2 Heidelberg (WC), Heidelberg Dierekliniek Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Maumalanga Gauteng Limpono North Free Kwazulu- Eastern Western Northe											
Western Cape Caledon, Overberg Veterinary Hospital Sheep: 2 Ceres, Ceres Veterinary Hospital Sheep: 2 Heidelberg (WC), Heidelberg Dierekliniek Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Maumalanga Gautang Limpono North Free Kwazulu- Eastern Western Northe			ervices								
Western Cape Caledon, Overberg Veterinary Hospital Sheep: 2 Ceres, Ceres Veterinary Hospital Sheep: 2 Heidelberg (WC), Heidelberg Dierekliniek Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Maumalanga Gauteng Limpono North Free Kwazulu- Eastern Western Northe											
Caledon, Overberg Veterinary Hospital Sheep: 2 Ceres, Ceres Veterinary Hospital Sheep: 2 Heidelberg (WC), Heidelberg Dierekliniek Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Maumalanga Gauteng Limpono North Free Kwazulu- Eastern Western Northe		pe									
Ceres, Ceres Veterinary Hospital Sheep: 2 Heidelberg (WC), Heidelberg Dierekliniek Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Maumalanga Gauteng Limpono North Free Kwazulu- Eastern Western Northe			nary Hosn	ital							
Ceres, Ceres Veterinary Hospital Sheep: 2 Heidelberg (WC), Heidelberg Dierekliniek Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Maumalanda Gauteng Limpono North Free Kwazulu- Eastern Western Northe			,ор								
Sheep: 2 Heidelberg (WC), Heidelberg Dierekliniek Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Maumalanda Gauteng Limpono North Free Kwazulu- Eastern Western Northe		s Veterinary H	ospital								
Heidelberg (WC), Heidelberg Dierekliniek Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Maumalanga Gauteng Limpono North Free Kwazulu- Eastern Western Northe	•		-sp.w.								
Sheep: 2 Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Maumalanca Gauteng Limpono North Free Kwazulu- Eastern Western Northe		(WC). Heidelb	era Dierel	kliniek							
Stellenbosch, Stellenbosch Animal Hospital Sheep: 1 Venereal Diseases Trichomonosis PROVINCE Maumalanca Gauteng Limpono North Free Kwazulu- Eastern Western Northe		(), Heldelb	5 D.C.C								
Venereal Diseases Trichomonosis PROVINCE Maumalanca Gauteng Limpono North Free Kwazulu- Eastern Western Northe		h. Stellenhose	h Animal	Hosnital							
Venereal Diseases Trichomonosis PROVINCE Maumalanga Gauteng Limpono North Free Kwazulu- Eastern Western Northe		ii, Stellelibust	ii Allillal	i iospitai							
Trichomonosis PROVINCE Moumalanga Gauteng Limpono North Free Kwazulu- Eastern Western Northe											
PROVINCE Mnumalanga Gauteng Limpono North Free Kwazulu- Eastern Western Northo	Venerea	Diseases									
PROVINCE Mnumalanga Gauteng Limnono	Trichomo	nosis								^	
west State Natal Cape Cape Cape	PROVINCE	Mpumalanga	Gauteng	Limpopo	North West			Eastern Cape	Western Cape	Northern Cape	

				2.5	2.2		
Average	1.0 (1)		2.0 (1)	(2)	(11)	2.5 (2)	1.0 (1)
Level of impo	ortance scale: 1	= one case	e. 2 = more	than or	ne case h	out less than	ten and 3
reported	ortaniec occier 1	0110 000	0, 2 111010	criari or		ac 1000 than	con una s
Beef	1.0 (1)		2.0 (1)	2.5 (2)	2.2 (10)	2.5 (2)	1.0 (1)
Dairy					2.0 (1)		•
	а						
	four Diereklin	iek					
Beef: 1							
	s - new farm, 2	out of 4 b	ulls tested, _I	positive			
Limpopo							
	Kranskop Dier	ekliniek					
Beef: 2	1 - 1 111						
	ted positive on	same farm					
North West							
	stad, Leeudori	ngstad Di	erekliniek				
Beef: 2	ulle tested Carr	and tast s	0 01+ 0f 2 +	octod =	octod		
	ulls tested. Seco		ie out of 3 t	ested po	วรเยน.		
Beef: 3	a Dierekliniek						
New farm							
Free State							
	in, Dr Stephan	Wessels					
Beef: 2	, Di Stephan	. 11 033013					
	bulls positive in	Bloemfont	ein area				
	ocolan Dierek						
Beef: 1							
Frankfort, F	rankfort Diere	kliniek					
Beef: 3							
Hoopstad, F	loopstad Diere	ekliniek					
Beef: 3							
Kroonstad,	Kroonstad Die	rehospita	al				
Beef: 2							
Ladybrand,	Ladybrand						
Beef: 2							
	s Dierehospita	al					
Beef: 2							
	nfection, neighb		ot control tr	richomor	nosis		
Reitz, Riem Beef: 2	land Dierehos	pitaai					
	nokal Disvelski	niol:					
	nekal Dierekli	піек					
Dairy: 2	annort Diaral	diniek Ve	nnootoko				
Beef: 3	gepoort Dierel	Millek ve	шоосѕкар				
	inburg Dierek	liniek					
Beef: 2	induig Dielek	cr					
Kwazulu-Na	ntal						
	ergville Veteri	nary Clini	c				
Beef: 2	c. grille veteri	u. y Ciiili	-				
	tcourt Vet Clir	nic					
Beef: 3							
Eastern Cap	e						
-	n, Hertzogbrug	Dierekli	niek				
Beef: 1	,						

Vibriosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)	2.0 (1)	1.7 (3)	2.0 (3)	2.0 (1)			
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef		1.0 (1)	2.0 (1)	1.7 (3)	2.0 (3)	2.0 (1)			
Geef: 1 Limpopo Makhado, B Geef: 2 Cases North West Leeudorings Geef: 1 Stella, Stella Geef: 3 Ventersdorp Geef: 1 Free State Clocolan, Cl Geef: 1 Genekal, Se Geef: 2 Winburg, W Geef: 3 Kwazulu-Na	stad, Leeudori a Dierekliniek o, Ventersdorp ocolan Dierek nekal Dierekli inburg Dierek	kliniek ngstad Di Diereklin liniek niek liniek	erekliniek						
Beef: 2 Pizzle dis									
	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Norther Cape
Average							1.0 (1)		
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	out less than	ten and 3	= more tha	n 10 cases
Sheep							1.0(1)		
Sheep: 1	et, Graaff Reir		nary Clinio						

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (4)	2.0 (1)	1.0 (1)		1.8 (4)	1.7 (3)		1.0 (1)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	e than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef	2.0 (3)	2.0 (1)	1.0(1)		1.8 (4)	1.7 (3)			
Dairy	1.0(1)							1.0(1)	
Mpumalang	a								
	four Diereklin	iek							
Beef: 2									
•	nal Diereklinie	k							
Dairy: 1	NATALA III	 . .	•• •						
Beef: 2	, Middelburg I	Dierenosp	itaai						
	Cape Cross Vol	keruet Die	rohoenita	اد					
Beef: 2	ape Closs Vol	KSI USL DIC	renospita	ıaı					
Gauteng									
	raal, Themba A	Animal Cli	nic						
Beef: 2	•								
Limpopo									
	Pietersburg V	eterinary	Clinic						
Beef: 1									
Free State									
	rankfort Diere	kliniek							
Beef: 2 Ladybrand,	Ladybrand								
Beef: 1	Lauybranu								
	gepoort Dierel	diniek Ve	nnootskar)					
Beef: 2	усросто 2 голо.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
Winburg, W	inburg Dierek	liniek							
Beef: 2									
Kwazulu-Na									
	ugela Vet Clini	С							
Beef: 2	d	141							
Beef: 1	dumeni Herd h	ieaith							
	/heid Privaat \	/ooartce							
Beef: 2	riiciu Fiivaat V	ceai ise							
Western Ca	pe								
	h, Stellenbosc	h Animal	Hospital						
Dairy: 1			•						

Botulism									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average			2.0 (1)		2.5 (2)				2.0 (3)

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

Beef 2.0 (1) (1)	1.0(1)
Dairy 2.0 (1)	
Sheep	2.5 (2)
Limpopo	
Vaalwater, Vaalwater Dierespreekkamer	
Beef: 2	
Free State	
Clocolan, Clocolan Dierekliniek Dairy: 2	
Frankfort, Frankfort Dierekliniek	
Beef: 3	
Northern Cape	
Calvinia, Calvinia Veeartskliniek	
Sheep: 3 Postmasburg, Postmasburg Dierekliniek	
Beef: 1, Sheep: 2	
Pulpy Kidney	^
PROVINCE Mpumalanga Gauteng Limpopo North Free Kwazulu- Eastern Weste West State Natal Cape Cape	rn Northern Cape
Average 1.0 (1) 1.0 (2) 1.0 (1) 2.5 (6) 1.0 (1) 1.0 (1) 2.0 (3)	2)
Level of importance scale: $1 = \text{one case}$, $2 = \text{more than one case but less than ten and } 3 = \text{more reported}$	
Sheep 1.0 (1) 1.0 (2) 1.0 (1) (6) 1.0 (1)	2)
Goat 1.0 (1)	
Mpumalanga Middelburg , Middelburg Dierehospitaal	
Sheep: 1	
Gauteng Bronkhorstspruit, Kerkstraat Dierekliniek	
Sheep: 1	
Hammanskraal, Themba Animal Clinic	
Sheep: 1	
Limpopo	
Polokwane, Pietersburg Veterinary Clinic Sheep: 1	
Free State	
Bloemfontein, Dr Stephan Wessels	
Sheep: 3	
Ficksburg, Oosvrystaat Diere Produkte	
Sheep: 2	
Frankfort, Frankfort Dierekliniek Sheep: 3	
Reitz, Froneman Veterinary Practice	
JHCCP. J	
Sheep: 3 Reitz, Riemland Dierehospitaal	
Reitz, Riemland Dierehospitaal Sheep: 2	

	_								
Kwazulu-Na									
•	Ncanduvet Ne	wcastle							
Sheep: 1									
	e et, Camdeboo	Veterina	ry Clinic						
Goat: 1									
Western Ca		.	_ •						
	, Oudtshoorn	Diereklini	ек						
Sheep: 1	. Curallandan	Diawahaa							
Sheep: 3	n, Swellendam	Dierenos	рітааі						
Lamb dys	sentry								^
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 or	ne case	but less than	ten and 3	= more tha	n 10 cases
Sheep							1.0(1)		
-							1.0 (1)		
Eastern Cap									
Graaff-Rein Sheep: 1	et, Graaff Reii	iet Veteri	nary Clinic	3					
Swelled h	nead diseas	е							^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)	1.7 (3)	2.0 (1)	1.0 (1)	1.0 (1)	2.0 (1)	1.0 (1)		
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef	1.5 (2)	2.0(1)	2.0(1)			2.0(1)	1.0(1)		
	1.0 (2)		2.0 (1)			2.0 (1)	1.0 (1)		
Dairy		1.0 (1)							
Sheep		2.0 (1)			1.0 (1)				
Goat				1.0 (1)					
Mpumalang	a								
	Pets Vet Hosp	ital							
Beef: 2									
	Cape Cross Vol	ksrust Die	erehospita	al					
Beef: 1									
Gauteng									
	spruit, Kerkstr	aat Diere	kliniek						
	/: 1, Sheep: 2								
Limpopo									
	Potgietersrus	Diereklini	iek						
Beef: 2									
North West									
	Christiana Die	rehospita	al						
Goat: 1									

Free State									
	gepoort Dierel	diniek Ve	nnootskar)					
Sheep: 1	,сросте 2.с.с.		оосокар						
Kwazulu-Na	ital								
	Ncanduvet Ne	wcastle							
Beef: 2									
Eastern Cap	e n, Queenstowi	n Veterins	ry clinic						
Beef: 1	ii, Queelistowi	ı veterine	ir y Cirric						
Red gut (cattle)								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0(1)	1.0(1)				2.0 (1)			
Level of impore	ortance scale: 1	= one case	e, 2 = more	e than or	ne case	but less than	ten and 3	= more tha	in 10 cases
Beef	1.0(1)	1.0(1)							
Dairy						2.0(1)			
Mpumalang	a						<u> </u>		
	four Diereklin	iek							
Beef: 1									
Gauteng	aal Thomba (aimal Cli	mia						
Beef: 1	aal, Themba <i>F</i>	Animai Cii	піс						
Kwazulu-Na	ital								
	tcourt Vet Clir	nic							
Dairy: 2									
Blood gut	(Sheep)								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)			1.0 (1)				2.0 (1)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	e than or	ne case	but less than	ten and 3	= more tha	ın 10 cases
Sheep	2.0 (1)			1.0 (1)				2.0 (1)	
Mpumalang	a								
	, Middelburg I	Dierehosp	itaal						
Sheep: 2									
North West Christiana.	Christiana Die	rehosnita	al						
Sheep: 1		. JJopica	-						
Western Ca									
	, Malmesbury	Dierehos	pitaal						
Sheep: 2									
Tetanus									^

				West	State	Natal	Cape	Cape	Cape
Average		1.0 (1)			2.0 (1)				
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Sheep		1.0(1)			2.0 (1)				
Gauteng Pretoria, Or Sheep: 1 Free State	nderstepoort A	cademic I	Hospital a	nd Prod		Animal Clin	iic		
Bloemfonte Sheep: 2	in, Dr Stephan	Wessels							
Salmonel	llosis								
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average						2.0 (1)	1.0 (1)		
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Dairy						2.0 (1)	1.0(1)		
	atal wick Veterinaı	y Clinic							
Dairy: 2 Eastern Cap	e e								
Humansdor Dairy: 1	p, Humansdor	p Veterina	ary Clinic						
Brucella d	abortus								
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)		1.5 (2)	3.0 (1)	2.6 (7)				
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef	1.0 (1)		1.5 (2)	3.0 (1)	2.6 (7)				
Mpumalang Balfour, Bal	a four Diereklin	iek							
Beef: 1 Limpopo									
Mokopane, Beef: 1	Potgietersrus	Diereklini	ek						
Polokwane, Beef: 2	Pietersburg V	eterinary	Clinic						
North West									
_ichtenburg	, Dr CM Kruge	r-Rall							

Beef: 3									
100ut 50 bus	sitive cases								
Free State									
Bloemfonte	in, Dr Stephan	Wessels							
Beef: 3	•								
	in new beef her	d, Jagersfo	ontein area.						
Clocolan, Cl	ocolan Dierek								
Beef: 2									
•	rankfort Diere	kliniek							
Beef: 3									
	Hoopstad Diere	ekliniek							
Beef: 3	Ladybrass								
Ladybrand, Beef: 3	LauyDrand								
	n, Wesselsbro	n Dierekli	niek						
Beef: 1	, 300010010								
Winburg, W	inburg Dierek	liniek							
Beef: 3									
Brucella	ovic								
Brucella (UVIS								
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		3.0 (1)			2.0				
		3.0 (1)			(3)				
	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Level of impore reported	ortance scale: 1	= one case	e, 2 = more	than or		out less than	ten and 3	= more tha	n 10 cases
	ortance scale: 1	= one case 3.0 (1)	e, 2 = more	e than or	2.0 (3)	out less than	ten and 3	= more tha	n 10 cases
reported	ortance scale: 1		e, 2 = more	e than or	2.0	out less than	ten and 3	= more tha	n 10 cases
reported Sheep Gauteng Pretoria, Ar	ortance scale: 1	3.0 (1)			2.0	but less than	ten and 3	= more tha	n 10 cases
Sheep Gauteng Pretoria, Ar Sheep: 3	nima Veterinar	3.0 (1) y Consult			2.0	but less than	ten and 3	= more tha	n 10 cases
Sheep Gauteng Pretoria, Ar Sheep: 3 Poor concept		3.0 (1) y Consult			2.0	but less than	ten and 3	= more tha	n 10 cases
Sheep Gauteng Pretoria, Ar Sheep: 3 Poor concept Free State	nima Veterinar	3.0 (1) y Consult			2.0	but less than	ten and 3	= more tha	in 10 cases
Sheep Gauteng Pretoria, Ar Sheep: 3 Poor concept Free State	nima Veterinar ion due to <i>B. ov</i>	3.0 (1) y Consult			2.0	but less than	ten and 3	= more tha	in 10 cases
Gauteng Pretoria, An Sheep: 3 Poor concept Free State Frankfort, F Sheep: 3	nima Veterinar ion due to <i>B. ov</i>	3.0 (1) y Consult is ekliniek			2.0	but less than	ten and 3	= more tha	in 10 cases
Gauteng Pretoria, An Sheep: 3 Poor concept Free State Frankfort, F Sheep: 3 Senekal, Se Sheep: 2	nima Veterinar ion due to <i>B. ov</i> Frankfort Diere	3.0 (1) y Consult is ekliniek niek	ing Rooms	S	2.0	but less than	ten and 3	= more tha	in 10 cases
Gauteng Pretoria, Ari Sheep: 3 Poor concept Free State Frankfort, F Sheep: 3 Senekal, Se Sheep: 2 Villiers, Williers, Williers	nima Veterinar ion due to <i>B. ov</i> Frankfort Diere	3.0 (1) y Consult is ekliniek niek	ing Rooms	S	2.0	but less than	ten and 3	= more tha	in 10 cases
Gauteng Pretoria, An Sheep: 3 Poor concept Free State Frankfort, F Sheep: 3 Senekal, Se Sheep: 2	nima Veterinar ion due to <i>B. ov</i> Frankfort Diere	3.0 (1) y Consult is ekliniek niek	ing Rooms	S	2.0	but less than	ten and 3	= more tha	in 10 cases
Gauteng Pretoria, Ari Sheep: 3 Poor concept Free State Frankfort, F Sheep: 3 Senekal, Se Sheep: 2 Villiers, Williers, Williers	nima Veterinar ion due to <i>B. ov</i> Frankfort Diere nekal Diereklin	3.0 (1) y Consult is ekliniek niek	ing Rooms	S	2.0	but less than	ten and 3	= more tha	in 10 cases
Gauteng Pretoria, Art Sheep: 3 Poor concept Free State Frankfort, F Sheep: 3 Senekal, Se Sheep: 2 Villiers, Wild Sheep: 1 Johne`s (nima Veterinar ion due to <i>B. ov</i> Frankfort Diere nekal Diereklin	3.0 (1) y Consult is ekliniek niek kliniek Ve	ing Rooms	North	2.0 (3)	Kwazulu-		western	Northern Cape
Gauteng Pretoria, Art Sheep: 3 Poor concept Free State Frankfort, F Sheep: 3 Senekal, Se Sheep: 2 Villiers, Wild Sheep: 1 Johne`s (nima Veterinar ion due to <i>B. ov</i> Frankfort Diere nekal Diereklin gepoort Dierek	3.0 (1) y Consult is ekliniek niek kliniek Ve	ing Rooms	North	2.0 (3)	Kwazulu-	Eastern	Western	Northern
Gauteng Pretoria, Art Sheep: 3 Poor concept Free State Frankfort, F Sheep: 3 Senekal, Se Sheep: 2 Villiers, Will Sheep: 1 Johne`s (PROVINCE	nima Veterinar ion due to <i>B. ov</i> Frankfort Diere nekal Diereklin gepoort Dierek	3.0 (1) y Consult is ekliniek niek kliniek Ve	ing Rooms	North	2.0 (3)	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Gauteng Pretoria, Ari Sheep: 3 Poor concept Free State Frankfort, F Sheep: 3 Senekal, Se Sheep: 2 Villiers, Will Sheep: 1 Johne`s (PROVINCE Average Level of imporeported	nima Veterinar ion due to <i>B. ov</i> Frankfort Diere nekal Diereklin gepoort Dierek disease Mpumalanga	3.0 (1) y Consult is ekliniek niek kliniek Ve	ing Rooms	North	2.0 (3)	Kwazulu- Natal	Eastern Cape	Western Cape 1.0 (2) = more that	Northern Cape
Gauteng Pretoria, And Sheep: 3 Poor concept Free State Frankfort, F Sheep: 3 Senekal, Se Sheep: 2 Villiers, Wild Sheep: 1 Johne`s (PROVINCE Average Level of imported Sheep	nima Veterinar ion due to <i>B. ov</i> Frankfort Diere inekal Diereklin gepoort Dierel disease Mpumalanga	3.0 (1) y Consult is ekliniek niek kliniek Ve	ing Rooms	North	2.0 (3)	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Gauteng Pretoria, And Sheep: 3 Poor concept Free State Frankfort, F Sheep: 3 Senekal, Se Sheep: 2 Villiers, Wild Sheep: 1 Johne`s (PROVINCE Average Level of imported Sheep Western Ca	nima Veterinar ion due to <i>B. ov</i> Frankfort Diere inekal Diereklin gepoort Dierel disease Mpumalanga ortance scale: 1	3.0 (1) y Consult is ekliniek niek kliniek Ve Gauteng = one case	ing Rooms nnootskap Limpopo e, 2 = more	North	2.0 (3)	Kwazulu- Natal	Eastern Cape	Western Cape 1.0 (2) = more that	Northern Cape
Gauteng Pretoria, And Sheep: 3 Poor concept Free State Frankfort, F Sheep: 3 Senekal, Se Sheep: 2 Villiers, Wild Sheep: 1 Johne`s (PROVINCE Average Level of imported Sheep Western Ca	nima Veterinar ion due to <i>B. ov</i> Frankfort Diere inekal Diereklin gepoort Dierel disease Mpumalanga	3.0 (1) y Consult is ekliniek niek kliniek Ve Gauteng = one case	ing Rooms nnootskap Limpopo e, 2 = more	North	2.0 (3)	Kwazulu- Natal	Eastern Cape	Western Cape 1.0 (2) = more that	Northern Cape

Sheep: 1												
Septicae	mia								^			
эсренейс.	ind								_			
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape			
Average				1.0 (1)		3.0 (1)	l	2.0 (1)				
Level of imported	evel of importance scale: $1 = $ one case, $2 = $ more than one case but less than ten and $3 = $ more than 10 cases eported											
Beef						3.0 (1)						
Dairy								2.0(1)				
Sheep				1.0 (1)								
Kwazulu-Na Dundee, En Beef: 3 Western Ca	dumeni Herd l pe	nealth	ooked like a	nthrax. (On blood	dsmear anthr	ax negativ	e.				
Riversdale, Dairy: 2	Riversdal Dier	ekliniek										
E. coli									^			
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape			
Average	2.5 (8)	1.5 (2)	2.0 (1)	1.7 (3)	2.8 (16)	2.5 (2)	2.0 (1)		1.0 (1)			
Level of imperent	ortance scale: 1	= one case	e, 2 = more	than on	ne case l	out less than	ten and 3	= more tha	n 10 cases			
Beef	2.5 (4)	1.0 (1)	2.0 (1)	1.5 (2)	2.9 (7)							
Dairy					2.5 (2)	3.0 (1)						
Dairy Sheep	2.3 (3)			2.0 (1)		3.0 (1) 2.0 (1)	2.0 (1)					
	2.3 (3) 3.0 (1)	2.0 (1)			(2)		2.0 (1)		1.0 (1)			

Beef: 2, Sheep: 2
Gauteng
Hammanskraal, Themba Animal Clinic
Beef: 1, Goat: 2
impopo
Makhado, Blouberg Dierekliniek
Reef: 2
· · · · ·
3 cases in calves
North West
Christiana, Christiana Dierehospitaal
Beef: 1
/entersdorp, Ventersdorp Dierekliniek
Beef: 2, Sheep: 2
ree State
Bloemfontein, Dr Stephan Wessels
Sheep: 3
Clocolan, Clocolan Dierekliniek
Beef: 3, Dairy: 3, Sheep: 3
icksburg, Oosvrystaat Diere Produkte
Sheep: 2
Frankfort, Frankfort Dierekliniek
Beef: 3, Sheep: 3
loopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Senekal, Senekal Dierekliniek
Beef: 2, Dairy: 2, Sheep: 2
/illiers, Wilgepoort Dierekliniek Vennootskap
Beef: 3, Sheep: 3
/rede, Vrede Dierehospitaal
Beef: 3
Calf diarrhoea
Winburg, Winburg Dierekliniek Beef: 3
(wazulu-Natal
Howick, Howick Veterinary Clinic
Dairy: 3
Pietermaritzburg, Richmond Veterinary Clinic
Sheep: 2
Eastern Cape
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 2
Northern Cape
Kathu, Kathu Dierekliniek
Goat: 1
Dermatophilosis (Lumpy Wool)
North Free Kwazulu- Eastern Western Northern
PROVINCE Mpumalanga Gauteng Limpopo West State Natal Cape Cape Cape
Average 1.0 (1) 1.0 (1)
1.0 (1)
lovel of importance cooler 1 — one case 2 — more than one case but less than ten and 2 — norm than 10
Level of importance scale: $1 = $ one case, $2 = $ more than one case but less than ten and $3 = $ more than 10 cases
reported
Sheep 1.0 (1) 1.0 (1) 1.0 (1)
Sheep 1.0 (1) 1.0 (1) 1.0 (1) Mpumalanga
Sheep 1.0 (1) 1.0 (1) 1.0 (1)

Gauteng									
	spruit, Kerkstr	aat Diere	kliniek						
Sheep: 1									
Western Ca		D !	- -						
Sheep: 1	(WC), Heidelb	erg Diere	Kiiniek						
Fusibacte	erium necro	phorum							_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)			2.0 (1)	2.0 (1)			
Level of imported	ortance scale: 1	= one case	e, 2 = more	e than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef		2.0(1)							
Dairy					2.0 (1)	2.0 (1)			
Gauteng						'			
	raal, Themba A	Animal Cli	nic						
Beef: 2 Free State									
	nekal Dierekli	niek							
Dairy: 2									
Kwazulu-Na									
	wick Veterina	ry Clinic							
Dairy: 2									
Other									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		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 or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef						1.0(1)			
Dairy	1.0(1)								
Mpumalang									
Bethal, Beth Dairy: 1 nefritis	nal Diereklinie	k							
Kwazulu-Na	ntal								
-	n, Camperdov	vn Vet Cli	nic						
Beef: 1 <i>Balantidium d</i>	coli diarrhoea in	a cow prev	viously treat	ed with	metrom	idazole, on p	astures irri	gated with	pig manure
	al diseases								
Besnoitio	sis								^

Average			2.0 (1)	1.0 (1)					
Level of impore	ortance scale: 1	= one case	e, 2 = more	` '	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef			2.0 (1)	1.0 (1)					
Limpopo									
	Potgietersrus	Diereklini	ek						
Beef: 2									
North West Brits, Brits I									
Beef: 1	Diefekiiliek								
Coccidios	sis								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (2)	1.5 (2)	1.5 (2)		2.6 (5)	2.0 (1)	2.0 (4)	2.0 (2)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	out less than	ten and 3	= more tha	n 10 cases
Beef	3.0 (1)	2.0 (1)			2.0 (1)				
Dairy							2.0 (1)	2.0(2)	
Sheep	3.0 (1)	1.0 (1)	1.5 (2)		2.8 (4)	2.0 (1)			
Goat							2.0 (3)		
Mpumalang	<u></u>								
	, Middelburg I	Dierehosp	itaal						
Beef: 3, Shee	p: 3								
Gauteng		D:	-1::-1-						
Beef: 2	spruit, Kerkstr	aat Dierei	KIINIEK						
	derstepoort A	cademic I	Hospital a	nd Prod	luction	Animal Clin	nic		
Sheep: 1	•								
Limpopo									
	louberg Diere	kliniek							
Sheep: 2 4 cases									
	Pietersburg V	eterinary	Clinic						
Sheep: 1									
Free State									
	in, Dr Stephan	Wessels							
Sheep: 3	rankfort Diere	kliniak							
Sheep: 3	ialikiuit Diere	KIIIIEK							
Ladybrand,	Ladybrand								
Sheep: 2	•								
	land Dierehos	pitaal							
Beef: 2		dinial- V							
Sheep: 3	gepoort Dierel	kiiniek Ve	nnootskap)					

Kwazulu-Na	ntal								
Pietermarit	zburg, Richmo	nd Veteri	nary Clinic	3					
Sheep: 2	,		<u>-</u>						
Eastern Cap	e								
-	et, Camdeboo	Veterinar	y Clinic						
Goat: 3	<u>, </u>		•						
Graaff-Rein	et, Graaff Reir	net Veteri	nary Clinic	3					
Goat: 2	•								
Port Alfred,	Port Alfred Ve	eterinary (Clinic						
Dairy: 2									
Five dairy hei	fer calves (Mart	indale)							
Jitenhage, I	Uitenhage Die	rehospita	al						
Goat: 1									
Western Ca									
	y, Malmesbury	Dierehos	pitaal						
Dairy: 2									
	Riversdal Dier	ekliniek							
Dairy: 2									
Cryptosp	oridium								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
				West	Jeaco	riaca:	Cupc	Cupc	Cupe
Average	3.0 (4)	2.0 (1)			2.6 (5)				
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case I	but less than	ten and 3	= more tha	in 10 cases
Beef	3.0 (2)	2.0 (1)			2.0 (1)				
Dairy					3.0 (1)				
Sheep	3.0 (2)				2.7 (3)				
Mpumalang	a								
Balfour, Bal	four Diereklin	iek							
Beef: 3, Shee	p: 3								
	, Middelburg I	Dierehosp	itaal						
Beef: 3, Shee	ep: 3								
Gauteng									
	spruit, Kerkstr	aat Dierel	kliniek						
Beef: 2									
Free State									
	ocolan Dierek	liniek							
	/: 3, Sheep: 3								
	land Dierehos	pitaai							
Sheep: 2	noncort Diazza	diniek Va	nnooteles-						
Villi ers, W ilg Sheep: 3	gepoort Dierel	kiiniek ve	ппоотѕкар)					
Fungal d	liseases								
Ringworr	n								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern

				West	State	Natal	Cape	Cape	Cape
Average	1.0 (1)	1.0 (1)		2.0 (1)	2.0 (2)	2.0 (2)			
Level of impore	ortance scale: 1	= one case	e, 2 = more	e than or	ne case	but less than	ten and 3	= more tha	in 10 cases
Beef	1.0 (1)	1.0 (1)		2.0 (1)	2.0 (2)	2.0 (2)			
Mpumalang Middelburg	a , Middelburg	Dierehosp	itaal						
Beef: 1									
Gauteng Pretoria, An	ima Veterinar	v Consult	ina Rooms	<u> </u>					
Beef: 1	illia veterillai	y consuit	mg Room.	<u>-</u>					
North West									
	Dierekliniek								
Beef: 2									
Free State	Kroonstad Die	robocnita	اما						
Beef: 2	KIOOIIStau Die	enospita	aı						
	s Dierehospita	al							
Beef: 2									
Kwazulu-Na									
	Mtubatuba A	nimal Clin	ic						
Beef: 1	zhura Dichmo	nd Votori	nanı Clini	•					
Beef: 3	zburg, Richmo	ma veteri	nary Cimi	<u> </u>					
	eases (oth	er)							
									
вмс									^
									^
вмс	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
вмс		Gauteng	Limpopo 1.0 (2)						_
BMC PROVINCE Average			1.0 (2)	1.0 (1)	1.0 (2)	Natal	Cape	Cape	Cape
BMC PROVINCE Average Level of impo	Mpumalanga		1.0 (2)	1.0 (1)	1.0 (2)	Natal	Cape	Cape	Cape
PROVINCE Average Level of imporeported	Mpumalanga		1.0 (2) e, 2 = more	1.0 (1) e than or	1.0 (2) ne case	Natal	Cape	Cape	Cape
PROVINCE Average Level of imporeported Beef Limpopo Mokopane,	Mpumalanga	= one case	1.0 (2) e, 2 = more 1.0 (2)	1.0 (1) e than or	1.0 (2) ne case	Natal	Cape	Cape	Cape
PROVINCE Average Level of imporeported Beef Limpopo Mokopane, Beef: 1	Mpumalanga ortance scale: 1 Potgietersrus	= one case	1.0 (2) e, 2 = more 1.0 (2) iek	1.0 (1) e than or	1.0 (2) ne case	Natal	Cape	Cape	Cape
PROVINCE Average Level of imporeported Beef Limpopo Mokopane, Beef: 1 Polokwane,	Mpumalanga ortance scale: 1	= one case	1.0 (2) e, 2 = more 1.0 (2) iek	1.0 (1) e than or	1.0 (2) ne case	Natal	Cape	Cape	Cape
PROVINCE Average Level of imporeported Beef Limpopo Mokopane, Beef: 1 Polokwane, Beef: 1	Mpumalanga ortance scale: 1 Potgietersrus Pietersburg V	= one case	1.0 (2) e, 2 = more 1.0 (2) iek	1.0 (1) e than or	1.0 (2) ne case	Natal	Cape	Cape	Cape
PROVINCE Average Level of imporeported Beef Limpopo Mokopane, Beef: 1 Polokwane, Beef: 1 North West	Mpumalanga ortance scale: 1 Potgietersrus Pietersburg V	= one case Diereklini /eterinary	1.0 (2) e, 2 = more 1.0 (2) iek Clinic	1.0 (1) e than or	1.0 (2) ne case	Natal	Cape	Cape	Cape
PROVINCE Average Level of imporeported Beef Limpopo Mokopane, Beef: 1 Polokwane, Beef: 1 North West Christiana,	Mpumalanga ortance scale: 1 Potgietersrus Pietersburg V	= one case Diereklini /eterinary	1.0 (2) e, 2 = more 1.0 (2) iek Clinic	1.0 (1) e than or	1.0 (2) ne case	Natal	Cape	Cape	Cape
PROVINCE Average Level of imporeported Beef Limpopo Mokopane, Beef: 1 Polokwane, Beef: 1 North West Christiana, Beef: 1	Mpumalanga ortance scale: 1 Potgietersrus Pietersburg V	= one case Diereklini /eterinary	1.0 (2) e, 2 = more 1.0 (2) iek Clinic	1.0 (1) e than or	1.0 (2) ne case	Natal	Cape	Cape	Cape
BMC PROVINCE Average Level of imporeported Beef Limpopo Mokopane, Beef: 1 Polokwane, Beef: 1 North West Christiana, Beef: 1 Free State Kroonstad,	Mpumalanga ortance scale: 1 Potgietersrus Pietersburg V	= one case Diereklini /eterinary rehospita	1.0 (2) e, 2 = more 1.0 (2) iek Clinic	1.0 (1) e than or	1.0 (2) ne case	Natal	Cape	Cape	Cape
PROVINCE Average Level of impore reported Beef Limpopo Mokopane, Beef: 1 Polokwane, Beef: 1 North West Christiana, Beef: 1 Free State Kroonstad, Beef: 1	Mpumalanga Ortance scale: 1 Potgietersrus Pietersburg V Christiana Die Kroonstad Die	= one case Diereklini /eterinary rehospita	1.0 (2) e, 2 = more 1.0 (2) iek Clinic	1.0 (1) e than or	1.0 (2) ne case	Natal	Cape	Cape	Cape
PROVINCE Average Level of impore reported Beef Limpopo Mokopane, Beef: 1 Polokwane, Beef: 1 North West Christiana, West	Mpumalanga Ortance scale: 1 Potgietersrus Pietersburg V Christiana Die	= one case Diereklini /eterinary rehospita	1.0 (2) e, 2 = more 1.0 (2) iek Clinic	1.0 (1) e than or	1.0 (2) ne case	Natal	Cape	Cape	Cape

BAD (BOA	vine viral dia	irrnoea)							-
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Norther Cape
Average		1.0 (1)			1.0 (1)			1.0 (1)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef		1.0 (1)			1.0 (1)				
Dairy								1.0(1)	
Beef: 1	raal, Themba <i>l</i>	Animal Cli	nic						
F ree State Ficksburg, C Beef: 1	Dosvrystaat Di	ere Produ	ıkte						
Western Ca Stellenbosc Dairy: 1	pe h, Stellenbosc	h Animal	Hospital						
Abortions x2									
IRP (Infe	ctious bovi	ne rhinc	tracheit	is)					
IBIC (IIIIC	ccious bovi		cracifere						
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Norther Cape
Average		2.0 (1)	1.0 (1)		2.0 (2)			1.0 (1)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 case
Beef		2.0 (1)	1.0 (1)		2.0 (2)			1.0 (1)	
Gauteng									
Bronkhorsts Beef: 2	spruit, Kerkstr	aat Diere	kliniek						
Limpopo									
	Kranskop Dier	ekliniek							
	e testing for exp	ort of catt	le to Botsw	ana, one	cow te	sted positive	for EBL an	d IBR.	
	ocolan Dierek	liniek							
Beef: 1									
Beef: 3	e Dierehospita	aal							
Pneumonia in Western Ca									
	pe h, Stellenbosc	h Animal	Hospital						
Beef: 1									
Enzootic	Bovine Leu	cosis (El	BL)						

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average			1.0 (1)				1.0 (1)	1.5 (2)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef			1.0(1)				-		
Dairy							1.0 (1)	1.5 (2)	,
Limpopo Modimolle. J	Kranskop Dier	ekliniek							
Beef: 1									
During routing Eastern Cap	e testing for exp	ort of cattl	e to Botswa	ana, one	cow te	sted positive	for EBL and	d IBR.	
	p, Humansdor	p Veterina	ary Clinic						
Dairy: 1									
Western Ca _l Malmesbury	pe ,, Malmesbury	Dierehos	pitaal						
Dairy: 2									
Stellenbosc l Dairy: 1	h, Stellenbosc	h Animal	Hospital						
Jaagsiekt	te								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northerr Cape
Average				2.0 (1)					
Level of impo	ortance scale: 1	= one case	e, 2 = more	(1)	ne case	but less than	ten and 3	= more tha	n 10 cases
Average Level of imporeported Sheep	ortance scale: 1	= one case	e, 2 = more	(1)	ne case	but less than	ten and 3	= more tha	n 10 cases
Level of impore reported Sheep North West		= one case	e, 2 = more	(1) than or 2.0	ne case	but less than	ten and 3	= more tha	n 10 cases
Level of impore reported Sheep North West Brits, Brits I		= one case	e, 2 = more	(1) than or 2.0	ne case l	but less than	ten and 3	= more tha	n 10 cases
Level of impore reported Sheep North West		= one case	e, 2 = more	(1) than or 2.0	ne case	but less than	ten and 3	= more tha	n 10 cases
Level of impore reported Sheep North West Brits, Brits I Sheep: 2 Orf				(1) than or 2.0		Kwazulu-	ten and 3 Eastern Cape	= more tha	n 10 cases Northern Cape
Level of impore reported Sheep North West Brits, Brits I Sheep: 2 Orf	Dierekliniek			(1) e than or 2.0 (1)	Free	Kwazulu-	Eastern	Western	Northern
Level of impore reported Sheep North West Brits, Brits I Sheep: 2 Orf PROVINCE Average Level of impore	Dierekliniek Mpumalanga	Gauteng 2.0 (1)	Limpopo 1.0 (1)	(1) 2.0 (1) North West 1.5 (2)	Free State 1.0 (3)	Kwazulu- Natal	Eastern Cape	Western Cape 2.0 (2)	Northerr Cape 2.0 (1)
Level of impore reported Sheep North West Brits, Brits I Sheep: 2 Orf PROVINCE	Dierekliniek Mpumalanga 1.0 (1)	Gauteng 2.0 (1)	Limpopo 1.0 (1)	(1) 2.0 (1) North West 1.5 (2)	Free State 1.0 (3)	Kwazulu- Natal	Eastern Cape	Western Cape 2.0 (2)	Northerr Cape 2.0 (1)
Level of impore reported Sheep North West Brits, Brits I Sheep: 2 Orf PROVINCE Average Level of impore reported	Dierekliniek Mpumalanga 1.0 (1)	Gauteng 2.0 (1)	Limpopo 1.0 (1) 2. 2 = more	(1) 2.0 (1) North West 1.5 (2) 2 than or	1.0 (3) ne case	Kwazulu- Natal 1.5 (4) but less than	Eastern Cape	Western Cape 2.0 (2) = more that	Northerr Cape 2.0 (1)

Goat: 1									
Gauteng									
	raal, Themba <i>l</i>	Animal Cli	nic						
Goat: 2									
Limpopo									
	Pietersburg V	eterinary	Clinic						
Sheep: 1									
North West									
Brits, Brits	Dierekliniek								
Sheep: 2	a		•						
	Christiana Die	rehospita	al						
Sheep: 1									
Free State			- 1						
	Kroonstad Die	renospita	iai						
Sheep: 1, Go		!4 I							
	land Dierehos	pitaai							
Sheep: 1 Kwazulu-Na	4-1								
		m. Climia							
	wick Veterina	ry Clinic							
Sheep: 2	Mthatha A.	ainaal Clim	! <u>-</u>						
	Mtubatuba Aı	nimai Ciin	IC						
Goat: 2	ngola Animal	Clinia							
		Clinic							
Sheep: 1, Go Western Ca									
	pe est, Beaufort \	Noct Stat	o Vot						
Sheep: 1	est, beautoit t	vest Stat	e vel						
	orge Animal H	ocnital							
Goat: 3	nge Allilliai II	ospitai							
Northern Ca	no								
Noi theili Ca	שטנ								
	-	ra Dierek	liniak						
	g, Postmasbu	rg Dierek	liniek						
Postmasbur Goat: 2	-	rg Dierek	liniek						
Postmasbui	-	rg Dierek	liniek						^
Postmasbur Goat: 2 Warts	-				Free State	Kwazulu- Natal	Eastern Cape	Western Cape	_
Postmasbur Goat: 2 Warts	g, Postmasbu	Gauteng				Natal	Cape		Northern
Postmasbur Goat: 2 Warts PROVINCE Average	g, Postmasbu Mpumalanga	Gauteng 1.0 (1)	Limpopo	2.0 (1)	1.8 (4)	1.3 (4)	1.0 (1)	1.0 (1)	Northern Cape
Postmasbur Goat: 2 Warts PROVINCE Average Level of impo	Mpumalanga	Gauteng 1.0 (1)	Limpopo	2.0 (1)	1.8 (4)	1.3 (4)	1.0 (1)	1.0 (1) = more that	Northern Cape
Postmasbur Goat: 2 Warts PROVINCE Average Level of imporeported	Mpumalanga 1.0 (1) ortance scale: 1	Gauteng 1.0 (1) = one case	Limpopo	2.0 (1) e than or	1.8 (4) ne case	1.3 (4) but less than	1.0 (1) ten and 3	1.0 (1)	Northern Cape
Postmasbur Goat: 2 Warts PROVINCE Average Level of imporeported Beef Dairy Sheep	Mpumalanga 1.0 (1) ortance scale: 1 1.0 (1)	Gauteng 1.0 (1) = one case	Limpopo	2.0 (1) e than or	1.8 (4) ne case	1.3 (4) but less than	1.0 (1)	1.0 (1) = more that	Northern Cape
Postmasbur Goat: 2 Warts PROVINCE Average Level of imporeported Beef Dairy Sheep Mpumalang	Mpumalanga 1.0 (1) ortance scale: 1 1.0 (1)	1.0 (1) = one case 1.0 (1)	Limpopo	2.0 (1) e than or	1.8 (4) ne case	1.3 (4) but less than	1.0 (1) ten and 3	1.0 (1) = more that	Northern Cape
Postmasbur Goat: 2 Warts PROVINCE Average Level of imporeported Beef Dairy Sheep Mpumalang Piet Retief,	Mpumalanga 1.0 (1) ortance scale: 1 1.0 (1)	1.0 (1) = one case 1.0 (1)	Limpopo	2.0 (1) e than or	1.8 (4) ne case	1.3 (4) but less than	1.0 (1) ten and 3	1.0 (1) = more that	Northern Cape
Postmasbur Goat: 2 Warts PROVINCE Average Level of imporeported Beef Dairy Sheep Mpumalang Piet Retief, Beef: 1	Mpumalanga 1.0 (1) ortance scale: 1 1.0 (1)	1.0 (1) = one case 1.0 (1)	Limpopo	2.0 (1) e than or	1.8 (4) ne case	1.3 (4) but less than	1.0 (1) ten and 3	1.0 (1) = more that	Northern Cape
Postmasbur Goat: 2 Warts PROVINCE Average Level of imporeported Beef Dairy Sheep Mpumalang Piet Retief, Beef: 1 Gauteng	Mpumalanga 1.0 (1) ortance scale: 1 1.0 (1)	1.0 (1) = one case 1.0 (1)	Limpopo e, 2 = more	2.0 (1) e than or	1.8 (4) ne case	1.3 (4) but less than	1.0 (1) ten and 3	1.0 (1) = more that	Northern Cape
Postmasbur Goat: 2 Warts PROVINCE Average Level of imporeported Beef Dairy Sheep Mpumalang Piet Retief, Beef: 1 Gauteng Bronkhorsts	Mpumalanga 1.0 (1) ortance scale: 1 1.0 (1)	1.0 (1) = one case 1.0 (1)	Limpopo e, 2 = more	2.0 (1) e than or	1.8 (4) ne case	1.3 (4) but less than	1.0 (1) ten and 3	1.0 (1) = more that	Northern Cape
Postmasbur Goat: 2 Warts PROVINCE Average Level of imporeported Beef Dairy Sheep Mpumalang Piet Retief, Beef: 1 Gauteng Bronkhorsts Beef: 1	Mpumalanga 1.0 (1) ortance scale: 1 1.0 (1) a Pets Vet Hosp	1.0 (1) = one case 1.0 (1)	Limpopo e, 2 = more	2.0 (1) e than or	1.8 (4) ne case	1.3 (4) but less than	1.0 (1) ten and 3	1.0 (1) = more that	Northern Cape
Postmasbur Goat: 2 Warts PROVINCE Average Level of imporeported Beef Dairy Sheep Mpumalang Piet Retief, Beef: 1 Gauteng Bronkhorsts Beef: 1 North West	Mpumalanga 1.0 (1) ortance scale: 1 1.0 (1) a Pets Vet Hosp	Gauteng 1.0 (1) = one case 1.0 (1) oital	Limpopo e, 2 = more	2.0 (1) e than or	1.8 (4) ne case	1.3 (4) but less than	1.0 (1) ten and 3	1.0 (1) = more that	Northern Cape
Postmasbur Goat: 2 Warts PROVINCE Average Level of impore reported Beef Dairy Sheep Mpumalang Piet Retief, Beef: 1 Gauteng Bronkhorsts Beef: 1 North West Christiana,	Mpumalanga 1.0 (1) ortance scale: 1 1.0 (1) a Pets Vet Hosp	Gauteng 1.0 (1) = one case 1.0 (1) oital	Limpopo e, 2 = more	2.0 (1) e than or	1.8 (4) ne case	1.3 (4) but less than	1.0 (1) ten and 3	1.0 (1) = more that	Northern Cape
Postmasbur Goat: 2 Warts PROVINCE Average Level of imporeported Beef Dairy Sheep Mpumalang Piet Retief, Beef: 1 Gauteng Bronkhorsts Beef: 1 North West	Mpumalanga 1.0 (1) ortance scale: 1 1.0 (1) a Pets Vet Hosp	Gauteng 1.0 (1) = one case 1.0 (1) oital	Limpopo e, 2 = more	2.0 (1) e than or	1.8 (4) ne case	1.3 (4) but less than	1.0 (1) ten and 3	1.0 (1) = more that	Northern Cape

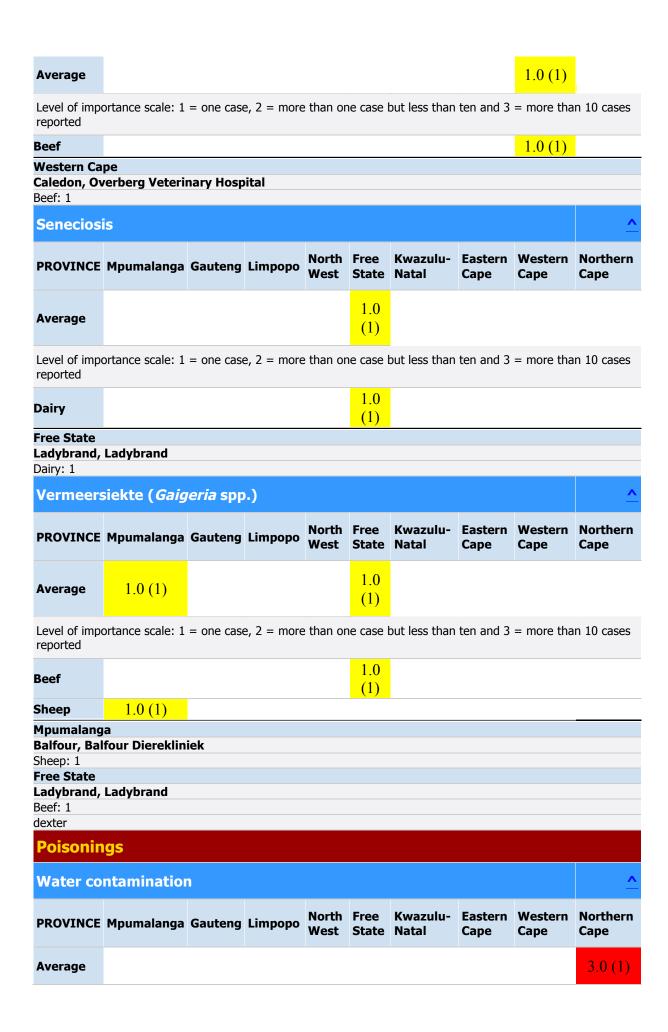
Kroonstad	Kroonstad Die	rehoenita	al						
Beef: 2	Ki Odiistau Die	i enospica	aı						
Ladybrand,	Ladybrand								
Beef: 2	Lauybranu								
	s Dierehospita								
Beef: 2	s Diereilospita	aı							
	n, Wesselsbro	n Dierekli	niek						
Beef: 1	ii, wesselsbio	ii Diciekii	IIICK						
Kwazulu-Na	atal								
	n, Camperdov	vn Vet Cli	nic						
Beef: 1	in, camperdor	VIII VCC CIII							
	Mtubatuba Ar	nimal Clin	ir						
Beef: 2	i itabataba Ai	iiiiai Ciiii							
	Ncanduvet Ne	wcastle							
Beef: 1									
	ngola Animal	Clinic							
Beef: 1		·······							
Eastern Cap	е								
	n, Queenstowi	n Veterina	rv clinic						
Sheep: 1	,	. 33311114	,						
Western Ca	pe								
	, Dr Otto Krie	k							
Dairy: 1	.,								
<u> </u>									
Corona V	irus								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)								
Level of imported	ortance scale: 1	= one case	e, 2 = more	e than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef	2.0(1)								
Mpumalang	. ,								
	four Diereklin	iek							
Beef: 2	Tour Dicientin	ick							
Jee. 1 2									
Other vir	al disease n	ot listed							_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North		Kwazulu-		Western	Norther
			popo	West	State	Natal	Cape	Cape	Cape
Average								2.0 (1)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Dairy								2.0(1)	
Western Ca	ne								
	ր շ 1, Swellendam	Dierehos	nitaal						
Dairy: 2	., Stronenaam		picaai						
	(DI)								
Poisonin	gs (Plant)	and Fu	ngal						
Cardiac g	lycoside po	isoning							
PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern

				West	State	Natal	Cape	Cape	Cape
Average					1.0 (1)				
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	out less than	ten and 3	= more tha	n 10 cases
Sheep					1.0 (1)				
Free State									
	Oosvrystaat Di	ere Produ	ıkte						
Sheep: 1									
Cestrum									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.0 (1)	1.5 (2)		1.5 (2)		
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	out less than	ten and 3	= more tha	n 10 cases
Beef				1.0 (1)	1.5 (2)		2.0 (1)		
Dairy							1.0(1)		
North West									
	Christiana Die	rehospita	al						
Beef: 1									
Free State	in, Dr Stephan	Wossols							
Beef: 1	iii, Di Stepilali	WCSSCIS							
	ocolan Dierek	liniek							
Beef: 2									
Eastern Cap									
	p, Humansdor	p Veterin	ary Clinic						
Dairy: 1		d'. d . () . l l		l. C	(DE00, 000 L			-1 - J
(neighbour's)	ss pregnant heif	rers alea at	ter breaking	g tnroug	n rence	(R500 000 IC	oss) into ini	k berry inte	ctea
	Port Alfred Ve	eterinary (Clinic						
Beef: 2		,							
Two cows (Sl	naw Park)								
Cynanch	um poisonin	g							^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average								1.7 (3)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	out less than	ten and 3	= more tha	n 10 cases
Beef								1.0(1)	
Dairy								2.0 (1)	
									ļ

Sheep								2.0(1)	
Western Ca	pe (WC), Heidelb	era Diere	kliniek						
Dairy: 2	(WC), Heidelb	erg Diere	KIIIICK						
	Riversdal Dier	ekliniek							
Beef: 1, Shee		CKIIIICK							
Decir 1, once	,p								
Facial ecz	zema								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0(1)						1.7 (3)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	e than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef		1.0(1)						1.0(1)	
Dairy		· · · · · · · · · · · · · · · · · · ·						2.0 (1)	·
Sheep								2.0 (1)	
Gauteng									
	spruit, Kerkstr	aat Diere	kliniek						
Beef: 1	, , ,								
Western Ca	ре								
Riversdale,	Riversdal Dier	ekliniek							
Beef: 1, Dairy	/: 2, Sheep: 2								
Geeldikk	op/Dikoor								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
PROVINCE Average	Mpumalanga	Gauteng	Limpopo					Cape	Cape
Average	Mpumalanga ortance scale: 1			West	2.0 (4)	Natal	Cape 2.0 (2)	2.0 (1)	1.0 (1)
Average Level of impo				West	2.0 (4)	Natal	Cape 2.0 (2)	2.0 (1)	1.0 (1) an 10 cases
Average Level of imporeported				West	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of impore reported Sheep Free State		= one case	e, 2 = more	West	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of impore reported Sheep Free State	ortance scale: 1	= one case	e, 2 = more	West	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of impore reported Sheep Free State Bultfontein,	ortance scale: 1	= one case	e, 2 = more	West	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of impore reported Sheep Free State Bultfontein, Sheep: 1 Six sheep, du	ortance scale: 1	= one case	e, 2 = more	West	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of imporeported Sheep Free State Bultfontein, Sheep: 1 Six sheep, du Clocolan, Cl Sheep: 2	ortance scale: 1 Greylingsrust wweltjies. ocolan Dierek	= one case t Dierespr	e, 2 = more	West	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of impore reported Sheep Free State Bultfontein, Sheep: 1 Six sheep, du Clocolan, Cl Sheep: 2 Kroonstad,	ortance scale: 1 Greylingsrust	= one case t Dierespr	e, 2 = more	West	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of impore reported Sheep Free State Bultfontein, Sheep: 1 Six sheep, du Clocolan, Cl Sheep: 2 Kroonstad, Sheep: 2	ortance scale: 1 Greylingsrust wweltjies. ocolan Dierek Kroonstad Die	= one case t Dierespr	e, 2 = more	West	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of impore reported Sheep Free State Bultfontein, Sheep: 1 Six sheep, du Clocolan, Cl Sheep: 2 Kroonstad, Sheep: 2 Ladybrand,	ortance scale: 1 Greylingsrust wweltjies. ocolan Dierek Kroonstad Die	= one case t Dierespr	e, 2 = more	West	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of impore reported Sheep Free State Bultfontein, Sheep: 1 Six sheep, du Clocolan, Cl Sheep: 2 Kroonstad, Sheep: 2 Ladybrand, Sheep: 3	ortance scale: 1 Greylingsrust wweltjies. ocolan Dierek Kroonstad Die Ladybrand	= one case t Dierespr	e, 2 = more	West	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of imporeported Sheep Free State Bultfontein, Sheep: 1 Six sheep, du Clocolan, Cl Sheep: 2 Kroonstad, Sheep: 2 Ladybrand, Sheep: 3 Eastern Cap	ortance scale: 1 Greylingsrust wweltjies. ocolan Dierek Kroonstad Die Ladybrand	= one case t Dierespr liniek	e, 2 = more	West	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of imporeported Sheep Free State Bultfontein, Sheep: 1 Six sheep, du Clocolan, Cl Sheep: 2 Kroonstad, Sheep: 2 Ladybrand, Sheep: 3 Eastern Cap Graaff-Rein	ortance scale: 1 Greylingsrust wweltjies. ocolan Dierek Kroonstad Die Ladybrand	= one case t Dierespr liniek	e, 2 = more	West	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of imporeported Sheep Free State Bultfontein, Sheep: 1 Six sheep, du Clocolan, Cl Sheep: 2 Kroonstad, Sheep: 2 Ladybrand, Sheep: 3 Eastern Cap Graaff-Rein Sheep: 1	ortance scale: 1 Greylingsrust wweltjies. ocolan Dierek Kroonstad Die Ladybrand ee et, Camdeboo	= one case t Dierespr liniek	e, 2 = more	West	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of imporeported Sheep Free State Bultfontein, Sheep: 1 Six sheep, du Clocolan, Cl Sheep: 2 Kroonstad, Sheep: 2 Ladybrand, Sheep: 3 Eastern Cap Graaff-Rein Sheep: 1 Angora goats	ortance scale: 1 Greylingsrust wweltjies. ocolan Dierek Kroonstad Die Ladybrand e et, Camdeboo	= one case t Dierespr liniek rehospita	e, 2 = more eekkamer al	West e than or	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of imporeported Sheep Free State Bultfontein, Sheep: 1 Six sheep, du Clocolan, Cl Sheep: 2 Kroonstad, Sheep: 2 Ladybrand, Sheep: 3 Eastern Cap Graaff-Rein Sheep: 1 Angora goats Graaff-Rein	ortance scale: 1 Greylingsrust wweltjies. ocolan Dierek Kroonstad Die Ladybrand ee et, Camdeboo	= one case t Dierespr liniek rehospita	e, 2 = more eekkamer al	West e than or	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of impore reported Sheep Free State Bultfontein, Sheep: 1 Six sheep, du Clocolan, Cl Sheep: 2 Kroonstad, Sheep: 2 Ladybrand, Sheep: 3 Eastern Cap Graaff-Rein Sheep: 1 Angora goats Graaff-Rein Sheep: 3	ortance scale: 1 Greylingsrust Wweltjies. Ocolan Dierek Kroonstad Die Ladybrand De et, Camdeboo et, Graaff Reir	= one case t Dierespr liniek rehospita	e, 2 = more eekkamer al	West e than or	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases
Average Level of impore reported Sheep Free State Bultfontein, Sheep: 1 Six sheep, du Clocolan, Cl Sheep: 2 Kroonstad, Sheep: 2 Ladybrand, Sheep: 3 Eastern Cap Graaff-Rein Sheep: 1 Angora goats Graaff-Rein Sheep: 3 Western Ca	ortance scale: 1 Greylingsrust Wweltjies. Ocolan Dierek Kroonstad Die Ladybrand De et, Camdeboo et, Graaff Reir	= one case t Dierespr liniek rehospita Veterinai	e, 2 = more eekkamer al	West e than or	2.0 (4) ne case 2.0	Natal	2.0 (2) ten and 3	2.0 (1) = more that	1.0 (1) an 10 cases

Sheep: 2									
Northern Ca	аре								
De Aar, De	Aar Veterinary	Clinic							
Sheep: 1									
Gifblaar									_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average			1.5 (2)						
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	ın 10 cases
Beef			1.5 (2)						
Beef: 2 Three cattle o	Kranskop Dier died on same far Pietersburg V	rm	Clinic						
Beef: 1									
Gousiekt	е								4
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northerr Cape
Average			2.0 (1)						
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	ın 10 cases
Beef			2.0(1)						
Limpopo									
/aalwater, `	Vaalwater Die	respreekk	camer						
Beef: 2									
ive cattle									
Lantana									_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)	1.5 (2)			1.0 (1)			
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef		2.0(1)	1.5 (2)			1.0(1)			
Sauteng									
	nderstepoort A	cademic	Hospital a	nd Prod	luction	Animal Clin	ic		
Beef: 2									
impopo									
	louberg Diere	kliniek							
Beef: 2									
cases Polokwane,	Pietersburg V	eterinary	Clinic						
Beef: 1									

Estcourt, Est Beef: 1 Lupine Po PROVINCE		nic							
Lupine Po									
PROVINCE	Mnumalanga								^
	1-ipainalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average								1.0(1)	
Level of imporeported	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Sheep								1.0(1)	
Western Cap									
Caledon, Over Sheep: 1	erberg Veterir	nary Hosp	ital						
Nitrate po	oisoning								_
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 or	ne case	but less than	ten and 3	= more tha	n 10 cases
Dairy						2.0(1)			
Kwazulu-Na									
Howick, How Dairy: 2	wick Veterinar	y Clinic							
Prussic ac	cid poisonin	ıg							_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (3)		1.0 (1)						
Level of imporeported	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef	1.0(1)								
Sheep	1.0(1)		1.0(1)						
Goat	1.0(1)								
Mpumalanga									
Balfour, Balf Beef: 1, Shee	four Diereklini p: 1. Goat: 1	iek							
Limpopo									
	Pietersburg V	eterinary	Clinic						
Sheep: 1									
Rye grass	poisoning								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape



reported									
Sheep									3.0 (1)
Northern Ca	аре								
Sheep: 3	pington Veter	-							
Cachexia in D	orper ewes bro	ught in fror	n Botswana	a, deficie	nt in mi	croflora, 16 c	lied. Treate	ed with mol	asses.
Urea Pois	oning								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)								3.0 (1)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Dairy	2.0(1)								
Sheep									3.0 (1)
Mpumalang	ıa								0.0 (1)
	nal Diereklinie	k							
Dairy: 2									
Northern Ca	-								
	pington Veter	inary Clin	ic						
Sheep: 3									
Snake Bit	te								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)				1.8 (6)	1.0 (1)			
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef					1.6 (5)	1.0 (1)			
Sheep									
Succh	2.0 (1)				3.0 (1)				
Mpumalang	a								
Mpumalang Volksrust, C	ì í	ksrust Die	rehospita	al					
Mpumalang Volksrust, C Sheep: 2	a	ksrust Die	rehospita	al					
Mpumalang Volksrust, C Sheep: 2 Free State	a Cape Cross Vol		rehospita	al					
Mpumalang Volksrust, C Sheep: 2 Free State Clocolan, Cl	a Cape Cross Vol ocolan Dierek		rehospita	al					
Mpumalang Volksrust, C Sheep: 2 Free State Clocolan, Cl Beef: 2, Shee	cape Cross Vol cocolan Dierek		erehospita	al					
Mpumalang Volksrust, C Sheep: 2 Free State Clocolan, Cl Beef: 2, Shee Ladybrand, Beef: 1	cape Cross Vol cocolan Dierek p: 3 Ladybrand	liniek	rehospita	al					
Mpumalang Volksrust, C Sheep: 2 Free State Clocolan, Cl Beef: 2, Shee Ladybrand, Beef: 1 Memel, Men	cape Cross Vol cocolan Dierek	liniek	rehospita	al					
Mpumalang Volksrust, C Sheep: 2 Free State Clocolan, Cl Beef: 2, Shee Ladybrand, Beef: 1 Memel, Mer Beef: 1	cape Cross Vol ocolan Dierek ep: 3 Ladybrand mel Veterinary	liniek Clinic	rehospita	al					
Mpumalang Volksrust, C Sheep: 2 Free State Clocolan, Cl Beef: 2, Shee Ladybrand, Beef: 1 Memel, Men Beef: 1 Senekal, Se	cape Cross Vol cocolan Dierek p: 3 Ladybrand	liniek Clinic	erehospita	al					
Mpumalang Volksrust, C Sheep: 2 Free State Clocolan, Cl Beef: 2, Shee Ladybrand, Beef: 1 Memel, Men Beef: 1 Senekal, Se Beef: 2	cape Cross Vol cocolan Dierek ep: 3 Ladybrand mel Veterinary	liniek Clinic niek	rehospita	al					
Mpumalang Volksrust, C Sheep: 2 Free State Clocolan, Cl Beef: 2, Shee Ladybrand, Beef: 1 Memel, Men Beef: 1 Senekal, Se Beef: 2 Winburg, W	cape Cross Vol ocolan Dierek ep: 3 Ladybrand mel Veterinary	liniek Clinic niek	rehospita	al					
Mpumalang Volksrust, C Sheep: 2 Free State Clocolan, Cl Beef: 2, Shee Ladybrand, Beef: 1 Memel, Men Beef: 1 Senekal, Se Beef: 2	cape Cross Vol docolan Dierek ep: 3 Ladybrand mel Veterinary nekal Dierekli	liniek Clinic niek	erehospita	al					

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

Kokstad, E.G	G.Veterinary S	ervices							
	case - Dr Dave C	lowes got	bitten by a	rinkhals					
Chemical	products								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)	2.0 (1)	1	1.0(1)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef						2.0 (1)		1.0(1)	
Sheep					1.0 (1)				
Free State	land Dierehos	nitaal							
Sheep: 1	iand Dierenos	pitaai							
Kwazulu-Na		ar Clinic							
Beef: 2	wick Veterinai	y Clinic							
Western Ca									
Beaufort W Beef: 1	est, Beaufort \	West State	e Vet						
	expired Dazzle a	and killed a	II 20 cattle	that was	sprayd	ipped.			
Other									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average				2.0 (1)					3.0 (1)
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef				2.0 (1)					
Sheep				_ (-)					3.0 (1)
North West	stad, Leeudori	ngstad Di	erekliniek						
	ng in 5 to 6 mon	th old calv	es - 7 died.						
Northern Ca Calvinia, Ca	ape Ivinia Veearts	kliniek							
Sheep: 3									
Monensin									
Macro N	utritional F	Problem	าร						
Energy d	eficiency								^
									_

				West	State	Natal	Cape	Cape	Cape
Average		2.3 (3)	3.0 (3)		1		1.0 (1)	2.0 (3)	l
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef		3.0 (1)	3.0 (1)					2.0(1)	
Dairy		, , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , ,					2.0 (1)	
Sheep		2.0(1)	3.0 (1)					2.0 (1)	
Goat		2.0 (1)	3.0 (1)				1.0(1)	, ,	
Gauteng							· · · · ·		
	raal, Themba A	Animal Cli	nic						
Beef: 3, Shee	ep: 2, Goat: 2								
Limpopo Polokwane.	Pietersburg V	eterinary	Clinic						
Beef: 3, Shee		,							
Eastern Cap									
	et, Camdeboo	Veterinar	y Clinic						
Goat: 1 Western Ca	no								
	y, Malmesbury	Dierehos	pitaal						
	/: 2, Sheep: 2		P						
Protein d	eficiency								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.3 (3)			-		1.0 (1)	2.0 (2)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef		3.0 (1)						2.0(1)	
Sheep		2.0 (1)						2.0 (1)	
Goat		2.0 (1)					1.0(1)		
Gauteng		()							
	raal, Themba <i>l</i>	Animal Cli	nic						
	ep: 2, Goat: 2								
Eastern Cap		Votorino	ar Clinia						
Goat: 1	et, Camdeboo	veterinar	y Clinic						
Western Ca	pe								
	y, Malmesbury	Dierehos	pitaal						
Beef: 2, Shee	ep: 2								
Phosphat	te deficiency	/							^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average								3.0 (1)	2.0 (1)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases

Beef									2.0(1)
Dairy								3.0 (1)	
Western Ca									
Malmesbury Dairy: 3	, Malmesbury	Dierehos	pitaal						
Northern Ca	npe								
Postmasbur	g, Postmasbu	rg Dierekl	iniek						
Beef: 2									
Calcium o	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 or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Dairy						3.0 (1)		2.0 (2)	
Kwazulu-Na	ntal								
	wick Veterinar	y Clinic							
Dairy: 3 Western Ca	.								
	pe /, Malmesbury	Dierehos	pitaal						
Dairy: 3	,,								
	n, Swellendam	Dierehos	nitaal						
			p.cau.						
Dairy: 1									
	ıtritional P								
									^
Micro Nu Copper do		roblem	s	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	^ Northern Cape
Micro Nu Copper do	eficiency	roblem	s						
Micro Nu Copper de PROVINCE Average	eficiency	roblem:	S Limpopo	West	State	Natal 1.0 (1)	Cape	Cape 1.0 (1)	Cape
Micro Nu Copper de PROVINCE Average Level of impo	eficiency Mpumalanga	roblem:	S Limpopo	West	State	Natal 1.0 (1)	Cape	Cape 1.0 (1)	Cape
Micro Nu Copper de PROVINCE Average Level of imporeported	eficiency Mpumalanga	roblem:	S Limpopo	West	State	1.0 (1) but less than	Cape	Cape 1.0 (1)	Cape
Micro Nu Copper de PROVINCE Average Level of imported Beef	Mpumalanga ortance scale: 1	roblem:	S Limpopo	West	State	1.0 (1) but less than	Cape	1.0 (1) = more that	Cape
Micro Nu Copper de PROVINCE Average Level of imporeported Beef Sheep Kwazulu-Na Mtubatuba,	Mpumalanga ortance scale: 1	Gauteng = one case	Limpopo e, 2 = more	West	State	1.0 (1) but less than	Cape	1.0 (1) = more that	Cape
Micro Nu Copper de PROVINCE Average Level of imporeported Beef Sheep Kwazulu-Na Mtubatuba, Beef: 1	Mpumalanga ortance scale: 1	Gauteng = one case	Limpopo e, 2 = more	West	State	1.0 (1) but less than	Cape	1.0 (1) = more that	Cape
Micro Nu Copper de PROVINCE Average Level of imporeported Beef Sheep Kwazulu-Na Mtubatuba, Beef: 1 Western Ca	Mpumalanga ortance scale: 1	Gauteng = one case	Limpopo e, 2 = more	West	State	1.0 (1) but less than	Cape	1.0 (1) = more that	Cape
Micro Nu Copper de PROVINCE Average Level of imporeported Beef Sheep Kwazulu-Na Mtubatuba, Beef: 1 Western Ca Swellendam Sheep: 1	Mpumalanga ortance scale: 1 otal Mtubatuba Ar	Gauteng = one case	Limpopo e, 2 = more	West	State	1.0 (1) but less than	Cape	1.0 (1) = more that	Cape
Micro Nu Copper de PROVINCE Average Level of imporeported Beef Sheep Kwazulu-Na Mtubatuba, Beef: 1 Western Ca Swellendam Sheep: 1 Selenium	Mpumalanga ortance scale: 1 otal Mtubatuba Ar pe n, Swellendam	Gauteng = one case nimal Clini Dierehos	Limpopo e, 2 = more	West	state ne case l	Natal 1.0 (1) but less than 1.0 (1) Kwazulu-	ten and 3	1.0 (1) = more that	n 10 cases

Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Sheep				3.0 (1)					
Goat					_				2.0(1)
North West									
	Christiana Die	rehospita	al						
Sheep: 3									
Northern Ca	ipe ·g, Postmasbu	ra Dierek	liniak						
Goat: 2	g, rostiliasbu	ig bierek	iiiiek						
Magnesiu	ım deficiend	су							
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0(1)							
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Sheep		1.0(1)							
Gauteng									
	raal, Themba A	Animal Cli	nic						
Sheep: 1									
Vitamin A	deficiency								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (1)	3.0 (2)				
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef				3.0 (1)	3.0 (1)				
Sheep					3.0 (1)				
North West									
	Christiana Die	rehospita	al						
Beef: 3 Free State									
	loopstad Diere	ekliniek							
	deficiency								_
				North	Erron	Kwazulu-	Eastern	Wostorn	Northern
PROVINCE	Mpumalanga	Gauteng	Limpopo	West			Cape	Cape	Cape

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

Sheep 2.0 (1)

Goat 1.0 (1) 1.0 (1)

Kwazulu-Natal

Camperdown, Camperdown Vet Clinic

Goat: 1

Vitamin B1 deficiency

Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 1

Western Cape

Vredenburg, Vredenburg Dierehospitaal

Sheep: 2

A few cases of Vit B1 deficiency

Multi-factorial Disease Conditions Abortions North Free Kwazulu- Eastern **Western Northern PROVINCE Mpumalanga Gauteng Limpopo West State Natal** Cape Cape Cape 2.0 2.0 **Average** 1.3 (3) 1.3 (3) 2.0(2)2.7(3)**(1) (7)** Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.5 (2)	1.0 (1)	(1)	(4)	1.0(1)		
Dairy					3.0 (1)	2.7 (3)	
Sheep				2.0			

Goat 1.0 (1) 1.5 (2)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Goat: 1

Middelburg , Middelburg Dierehospitaal

Beef: 2 Limpopo

Makhado, Blouberg Dierekliniek

Goat: 2 3 cases

Polokwane, Pietersburg Veterinary Clinic

Beef: 1, Goat: 1
North West

Christiana, Christiana Dierehospitaal

Beef: 2
Free State

Bloemfontein, Dr Stephan Wessels

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Wesselsbro	n, Wesselsbro	n Dierekli	iniek											
Sheep: 1														
	Vinburg Dierekliniek													
Beef: 2														
Kwazulu-Na														
	c, Howick Veterinary Clinic													
Dairy: 3	3													
	astle, Ncanduvet Newcastle													
Beef: 1														
Western Ca	tern Cape													
	y, Dr Otto Krie	k												
Dairy: 2														
	y, Malmesbury	Dierehos	pitaal											
Dairy: 3														
	n, Swellendam	Dierehos	pitaal											
Dairy: 3														
Stillbirth	S								^					
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape					
Average					3.0 (2)	3.0 (1)	1							
Level of imperent	ortance scale: 1	= one case	e, 2 = more	e than or	ne case	but less than	ten and 3	= more tha	n 10 cases					
Beef					3.0 (1)									
Dairy						3.0 (1)								
Sheep					3.0 (1)									
Free State						•								
	loopstad Diere	ekliniek												
Beef: 3, Shee	-													
Kwazulu-Na	•													
	wick Veterina:	v Clinic												
Dairy: 3		,												
Abscesse	S								^					
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape					
Average	1.8 (5)	1.8 (6)	1.2 (6)	2.0 (5)	2.2 (6)	2.3 (4)	1.8 (4)	1.7 (3)	2.0 (2)					
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases					
Beef	1.5 (2)	1.7 (3)	1.3 (3)	2.0 (4)	2.0 (4)	2.0 (2)	1.5 (2)	1.0 (1)						
Dairy						3.0 (1)		2.0(2)						
					2.5			(-)						
Sheep	2.0 (2)	2.0 (2)	1.0 (2)		2.5 (2)				2.0 (1)					

Goat	2.0 (1)	2.0 (1)	1.0 (1)	2.0 (1)	2.0 (1)	2.0 (2)	2.0 (1)
Mpumalanga							
Balfour, Balfou	r Diereklin	iek					
Beef: 1							
Ermelo, Môreg	loed Veteri	nêre Spre	ekkamer				
Goat: 2							
Middelburg , M	iddelbura I	Dierehosp	itaal				
Sheep: 2							
Volksrust, Cap	e Cross Vol	ksrust Die	rehospitaal				
Beef: 2, Sheep: 2			•				
Gauteng							
Bronkhorstspri	uit, Kerkstr	aat Dierel	kliniek				
Beef: 1, Goat: 2	•						
Muldersdrift, M	luldersdrift	: Animal H	ospital				
Beef: 2, Sheep: 2			•				
Pretoria, Anima		y Consulti	ing Rooms				
Sheep: 2		•					
Pretoria, Onde	rstepoort A	cademic I	Hospital and	Production	Animal Clin	nic	
Beef: 2	<u> </u>		<u> </u>				
Limpopo							
Makhado, Blou	berg Diere	kliniek					
Beef: 2							
3 cases							
Mokopane, Pot	gietersrus	Diereklini	ek				
Beef: 1, Sheep: 1	_						
Polokwane, Pie		eterinary	Clinic				
Beef: 1, Sheep:		,					
North West	,						
Brits, Brits Die	rekliniek						
Beef: 2, Goat: 2							
Christiana, Chr	istiana Die	rehospita	al				
Beef: 3		-					
Lichtenburg, D	r CM Kruge	r-Rall					
Beef: 1							
Ventersdorp, V	entersdorp	Diereklin	iek				
Beef: 2							
Free State							
Frankfort, Fran	kfort Diere	kliniek					
Beef: 2, Sheep: 2							
Hoopstad, Hoo	pstad Dier	ekliniek					
Beef: 3, Sheep: 3							
Ladybrand, Lad	dybrand						
Beef: 1							
Winburg, Winb	urg Dierek	liniek					
Beef: 2							
Kwazulu-Natal							
Estcourt, Estco	urt Vet Cli	nic					
Goat: 2							
Howick, Howic	k Veterina	ry Clinic					
Dairy: 3							
Pongola, Pongo	ola Animal	Clinic					
Beef: 1							
Vryheid, Vryhe	id Privaat \	/eeartse					
Beef: 3							
Eastern Cape							
Graaff-Reinet,	Graaff Rei	net Veteri	nary Clinic				
Goat: 2			-				
Port Alfred, Po	rt Alfred Ve	eterinary (Clinic				
•		-					

Beef: 2									
	Martindale); 1 c	ow (Kap Ri	ver); 1 bull	(Langho	olm); 1 d	cow (Shaw Pa	ark); 1 calf	(Bathurst)	
Goat: 2									
	Sathurst); one ca								
	Uitenhage Die	rehospita	al						
Beef: 1									
Western Ca									
	erberg Veteri	nary Hosp	itai						
Dairy: 1	. Malmaah	. Diawahaa	:tI						
Dairy: 3	, Malmesbury	Dierenos	рісааі						
	, Oudtshoorn	Diereklini	۵k						
Beef: 1	, Oddtsilooili	DICIEKIIII	CK						
Corynebacter	ium abscess								
Northern Ca									
	g, Postmasbu	ra Dierekl	iniek						
Sheep: 2, Go		- 3							
	s in genera								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	2.0 (1)			2.2 (5)	2.0 (3)		3.0 (1)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef					2.3 (3)	1.0 (1)			
Dairy						3.0 (1)		3.0 (1)	
Sheep					2.0 (2)				
Goat	2.0(1)	2.0(1)				2.0 (1)			
Mpumalang		- (-)				(-)			
1	a regloed Veteri	nêre Snre	ekkamer						
Goat: 2	-5.00a 70t011	5 5pi 6							
Gauteng									
	raal, Themba	Animal Cli	nic						
Goat: 2									
Free State									
Hoopstad, F	loopstad Dier	ekliniek							
Beef: 3, Shee									
	n, Wesselsbro	n Dierekli	niek						
Beef: 2, Shee									
	inburg Dierek	liniek							
Beef: 2									
Kwazulu-Na		_							
•	tcourt Vet Cli	nic							
Goat: 2	1.1.1.	o:: :							
	wick Veterina	ry Clinic							
Dairy: 3	Marikatorka	nimal Clic	la						
Mtubatuba, Beef: 1	Mtubatuba Aı	ililiai Ciini	IC						
Western Ca	ne								
	pe /, Malmesbury	Dierehos	nitaal						
Dairy: 3	,, mannespuly	DIGI CIIUS	pitaai						
Juliy. J									

Bladder s	tones								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.3 (3)	1.0 (1)			1.0 (1)
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef					1.0 (1)				1.0 (1)
Sheep					1.5 (2)				
Goat						1.0(1)			
Free State									
	Dosvrystaat Di	iere Produ	ıkte						
One bull died	due to bladder	stones							
Gariepdam,	Gariep Dierek	diniek							
Sheep: 2									
	s in Merino rams		ed for aucti	on - Phil	ippolis				
	loopstad Diere	ekliniek							
Sheep: 1									
Kwazulu-Na									
	Mtubatuba Ar	nimal Clin	ic						
Goat: 1									
Northern Ca	•								
Postmasbur	rg, Postmasbu	rg Dierekl	liniek						
	<u> </u>								
Beef: 1	J.								
Beef: 1 Blindness									^
Blindness		Gauteng	Limpopo	North West	Free State		Eastern Cape	Western Cape	Northern Cape
Blindness	5	Gauteng	Limpopo						
Blindness PROVINCE Average	5			West	2.5 (4)	Natal	Cape	2.0 (3)	Cape
PROVINCE Average Level of imporeported	Mpumalanga			West	2.5 (4)	Natal	Cape	2.0 (3)	Cape
PROVINCE Average Level of impo	Mpumalanga			West	2.5 (4) ne case 2.5	Natal	Cape	2.0 (3) = more than	Cape
PROVINCE Average Level of impore reported Beef	Mpumalanga			West	2.5 (4) ne case 2.5	Natal	Cape	2.0 (3) = more that 2.0 (1)	Cape
PROVINCE Average Level of imporeported Beef Dairy Sheep	Mpumalanga			West	2.5 (4) 2.5 (2) 2.5 (2)	Natal	Cape	2.0 (3) = more that 2.0 (1) 2.0 (1)	Cape
PROVINCE Average Level of imporeported Beef Dairy Sheep Free State	Mpumalanga ortance scale: 1	= one case		West	2.5 (4) 2.5 (2) 2.5 (2)	Natal	Cape	2.0 (3) = more that 2.0 (1) 2.0 (1)	Cape
PROVINCE Average Level of imporeported Beef Dairy Sheep Free State	Mpumalanga ortance scale: 1	= one case		West	2.5 (4) 2.5 (2) 2.5 (2)	Natal	Cape	2.0 (3) = more that 2.0 (1) 2.0 (1)	Cape
PROVINCE Average Level of imporeported Beef Dairy Sheep Free State Hoopstad, H Beef: 3, Shee	Mpumalanga ortance scale: 1 Hoopstad Diere	= one case		West	2.5 (4) 2.5 (2) 2.5 (2)	Natal	Cape	2.0 (3) = more that 2.0 (1) 2.0 (1)	Cape
PROVINCE Average Level of imporeported Beef Dairy Sheep Free State Hoopstad, H	Mpumalanga ortance scale: 1 Hoopstad Diere	= one case		West	2.5 (4) 2.5 (2) 2.5 (2)	Natal	Cape	2.0 (3) = more that 2.0 (1) 2.0 (1)	Cape
PROVINCE Average Level of imporeported Beef Dairy Sheep Free State Hoopstad, Freef: 3, Sheet Ladybrand, Sheep: 2	Mpumalanga ortance scale: 1 Hoopstad Diere	= one case		West	2.5 (4) 2.5 (2) 2.5 (2)	Natal	Cape	2.0 (3) = more that 2.0 (1) 2.0 (1)	Cape
PROVINCE Average Level of imporeported Beef Dairy Sheep Free State Hoopstad, Free State Ladybrand, Sheep: 2	Mpumalanga Ortance scale: 1 Hoopstad Diere ep: 3 Ladybrand Vinburg Dierek	= one case		West	2.5 (4) 2.5 (2) 2.5 (2)	Natal	Cape	2.0 (3) = more that 2.0 (1) 2.0 (1)	Cape

Heidelberg Sheep: 2	(WC), Heidelb	erg Diere	kliniek						
	y, Malmesbury y: 2	Dierehos	pitaal						
Bloat									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (2)			2.0 (2)	2.0 (1)	ı	1.7 (3)	1.0 (1)
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef		1.0(1)			2.0 (2)			1.5 (2)	1.0 (1)
Dairy						2.0 (1)		2.0 (1)	
Goat		1.0(1)					l		l.
Beef: 1 Winburg, W Beef: 3 Kwazulu-Na Howick, Hor Dairy: 2 Western Ca Malmesbury Beef: 2, Dairy Plettenberg Beef: 1 Overeating Northern Ca	wick Veterinar pe y, Malmesbury y: 2 Bay, Plettenb ape rg, Postmasbu	liniek ry Clinic Dierehos erg Bay A	pitaal Reitz						
		Cautona	Limnono	North	Free	Kwazulu-	Eastern	Western	Northern
PROVINCE	Mpumalanga	Gauteng	Limpopo	West	State	Natal	Саре	Саре	Cape
Average	3.0 (1)	1.0 (2)			1.8 (6)		1.0 (2)	1.3 (3)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	e than or		but less than	ten and 3	= more tha	n 10 cases
Beef					2.0 (1)				
Dairy					2.0 (1)			1.0 (1)	
Sheep	3.0 (1)	1.0(1)			1.8			1.5 (2)	

					(4)				
Goat		1.0(1)					1.0(2)		
Mpumalang	ja								
	lfour Diereklin	iek							
Sheep: 3									
Gauteng									
	nderstepoort A	cademic	Hospital a	nd Prod	luction	Animal Clir	iic		
Sheep: 1, Go Free State	at: 1								
	Oosvrystaat Di	oro Produ	ıkto						
Sheep: 1	oosvi ystaat Di	ere Froud	INCE						
•	rankfort Diere	kliniek							
Sheep: 3									
•	Hoopstad Diere	ekliniek							
Sheep: 1	<u> </u>								
Ladybrand,	Ladybrand								
Dairy: 2									
	land Dierehos	pitaal							
Sheep: 2									
	inburg Dierek/	liniek							
Beef: 2									
Eastern Cap	pe iet, Camdeboo	Votorina	n, Clinia						
Graan-Keir Goat: 1	iet, Camdeboo	vetermai	y Clinic						
	Port Alfred Ve	terinary (Clinic						
Goat: 1	r ore Amed ve	ecimaly (Cilino Ci						
	e udder and abs	cess (Port	Alfred)						
Western Ca	ре		-						
Heidelberg	(WC), Heidelb	erg Diere	kliniek						
Sheep: 2									
	Riversdal Dier	ekliniek							
Sheep: 1	h Challandaaa	l. A							
Dairy: 1	ch, Stellenbosc	n Animai	поѕрітаі						
Dally. 1									
Diarrhoe	a								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (5)	3.0 (1)	1.0 (3)	3.0 (3)	2.7 (12)	2.0 (8)		2.4 (5)	
Level of imp reported	ortance scale: 1	= one case	e, 2 = more			but less than	ten and 3	= more tha	n 10 cases
Beef	3.0 (3)	3.0 (1)	1.0(1)	3.0 (3)	(6)	2.0 (4)		2.0 (1)	
Dairy					3.0 (1)	2.5 (2)		2.7 (3)	
Sheep	3.0 (2)		1.0 (1)		2.6 (5)	1.0 (1)		2.0 (1)	
Goat			1.0 (1)			2.0 (1)		- <u>-</u>	
Mpumalang									
	lfour Diereklin	iek							
Beef: 3									
Middelburg	, Middelburg I	Dierehosp	itaal						

Beef: 3, Shee	n. 3							
	cape Cross Vol	keruet Die	rohoenita	اد				
Beef: 3, Shee		KSI USL DIC	renospita	aı				
Gauteng	.p. 5							
	spruit, Kerkstr	aat Dierel	kliniak					
Beef: 3	spruit, Kerksti	aat Dielei	MIIIICK					
Limpopo								
	Pietersburg V	otorinary	Clinic					
Beef: 1, Shee		etermary	Cillic					
North West	· · · · · · · · · · · · · · · · · · ·							
	Christiana Die	rohoenita	al					
Beef: 3	Cili istialia Die	enospita	aı					
	, Dr CM Kruge	r-Dall						
Beef: 3	, Di Cili Kiuge	ii-Kaii						
Diarrhoea in	calvec							
	a Dierekliniek							
Beef: 3	a Dielekiiliek							
Free State								
	ocolan Dierek	liniak						
	/: 3, Sheep: 3	IIIICK						
	rankfort Diere	kliniak						
Beef: 3, Shee		KIIIIEK						
	loopstad Diere	kliniak						
Beef: 3, Shee		SKIIIIICK						
Ladybrand,								
Beef: 2, Shee								
	nel Veterinary	Clinic						
Beef: 3	ilei veterillary	Cillic						
	land Dierehos	nitaal						
Sheep: 2	iaiiu Diereiios	pilaai						
	inburg Dierek	liniak						
Beef: 3	ilibuly Dielek	IIIIEK						
Kwazulu-Na	+-1							
	ugela Vet Clini	<u> </u>						
Beef: 1, Shee		C						
	ւթ. 1 dumeni Herd Ի	noalth						
Beef: 3, Dairy		icaitii						
	tcourt Vet Clir	nic .						
Beef: 2, Goat		110						
	. ∠ wick Veterinar	v Clinic						
Dairy: 3	wick veterinal	y Cillic						
•	zburg, Richmo	nd Votori	nary Clinie					
Beef: 2	zburg, Kicillio	na veten	ilaly Cillio	<u>. </u>				
Western Ca	no							
	րе _/ , Malmesbury	Diorobos	nitaal					
	/; 14annesbury /: 3, Sheep: 2	Diciellos	pitaai					
	h, Stellenbosc	h Animal	∐ocnital					
Dairy: 2	ii, Stellelibosc	II Allillal	поѕрісаі					
	. Cwallandam	Dioroboo	nitaal					
Dairy: 3	n, Swellendam	Diereilos	pitaai					
Dali y. 3								
Epididym	itis							
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	 Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)						1.0 (1)	

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

roported														
reported								4.0 (4)						
Sheep								1.0 (1)	,					
Goat	2.0 (1)													
Mpumalang	а													
Ermelo, Môr	rmelo, Môregloed Veterinêre Spreekkamer													
Goat: 2	Goat: 2													
	Vestern Cape													
	h, Stellenbosc	h Animal	Hospital											
Sheep: 1														
Eye Canc	Eye Cancer													
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape					
Average	1.0 (1)	1.0 (1)		1.0 (1)	1.9 (7)	3.0 (1)	1.0 (2)	2.0 (3)						
Level of impore	ortance scale: 1	= one case	e, 2 = more	e than or	ne case l	but less than	ten and 3	= more tha	n 10 cases					
Beef	1.0 (1)	1.0 (1)		1.0 (1)	1.8 (4)			2.0 (1)						
Dairy					2.0 (2)	3.0 (1)		2.0 (2)						
Sheep					2.0 (1)		1.0 (2)							
Mpumalang														
	ape Cross Vol	ksrust Die	erehospita	al										
Beef: 1														
Gauteng														
	pruit, Kerkstr	aat Diere	kliniek											
Beef: 1														
North West														
Brits, Brits [Dierekliniek													
Beef: 1														
Free State														
	ocolan Dierek	iiniek												
Dairy: 2	rankfort Diere	kliniak												
Beef: 2	ialikiuit Diefe	KIIIIEK												
	nel Veterinary	Clinic												
Sheep: 2														
•	and Dierehos	pitaal												
Beef: 2, Dairy														
	n, Wesselsbro	n Dierekli	niek											
Beef: 1														
Winburg, W	inburg Dierek	liniek												
Beef: 2														
Kwazulu-Na														
	wick Veterinaı	ry Clinic												
Dairy: 3														
Eastern Cap														
	ı, Hertzogbrug	g Dierekli	niek											
Sheep: 1		\/.I.	OI: '											
Graatt-Rein	et, Camdeboo	veterinai	y Clinic											

Sheep: 1													
Angora goat													
	Western Cape												
	Malmesbury, Malmesbury Dierehospitaal												
Beef: 2, Dairy: 2													
Swellendam, Swellendam Dierehospitaal													
Dairy: 2													
Eye infec	Eye infections												
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape				
Average	2.0 (8)	1.7 (7)		2.0 (2)	2.7 (15)	1.9 (11)	2.5 (2)	2.3 (9)	3.0 (1)				
Level of impore	ortance scale: 1	= one case	e, 2 = more			but less than	ten and 3	= more tha	n 10 cases				
Beef	2.0 (4)	1.7 (3)		2.0 (2)	2.6 (10)	2.0 (6)	2.0 (1)	2.0 (2)	3.0 (1)				
Dairy						3.0 (2)		2.5 (4)					
Sheep	2.0 (3)	1.5 (2)			2.8 (5)	1.0 (2)	3.0 (1)	2.3 (3)					
Goat	2.0 (1)	2.0 (2)				1.0(1)							
Mpumalang	· · · · · · · · · · · · · · · · · · ·												
	four Diereklin	iek											
Beef: 2, Shee	p: 2, Goat: 2												
	Pets Vet Hosp	ital											
Beef: 2													
Standerton,													
Beef: 2, Shee				- •									
	Cape Cross Vol	KSTUST DIE	erenospita	aı									
Beef: 2, Shee	ep: 2												
Gauteng	spruit, Kerkstr	aat Dioro	kliniok										
Beef: 2, Shee	-	aat Diele	KIIIIIEK										
	raal, Themba /	Animal Cli	nic										
Beef: 1, Shee													
	ima Veterinar	y Consult	ing Rooms	5									
Beef: 2													
North West													
	Christiana Die	rehospita	al										
Beef: 3													
	o, Ventersdorp	Diereklir	ilek										
Beef: 1													
Free State	in, Dr Stephan	Wessels											
Beef: 3	iii, Di Stepilal	11633613											
	ocolan Dierek	liniek											
Beef: 3, Shee													
	rankfort Diere	ekliniek											
	Beef: 3, Sheep: 3												
	loopstad Dier	ekliniek											
Beef: 3, Shee	•												
Ladybrand, Beef: 2	Ladybrand												
	nel Veterinary	Clinic											
. icinci, ilei	vetermary	J											

Beef: 3									
	Diorobosnita								
Beef: 2	Dierehospita	di							
	and Diarabasi	nitaal							
	and Dierehosp	pilaai							
Beef: 3, Shee		n Diaualdi	!-l-						
	n, Wesselsbro	п ріегекіі	піек						
Beef: 1, Shee									
	inburg Dierek	liniek							
Beef: 3									
Kwazulu-Na									
	ıgela Vet Clini	С							
Beef: 1, Shee	•								
	n, Camperdov	vn Vet Cli	nic						
Sheep: 1									
	dumeni Herd h	nealth							
Beef: 3, Dairy									
	wick Veterinar	y Clinic							
Dairy: 3									
Mtubatuba,	Mtubatuba Ar	nimal Clini	ic						
Beef: 2									
Newcastle,	Ncanduvet Ne	wcastle							
Beef: 2									
Pongola, Po	ngola Animal (Clinic							
Beef: 1, Goat	: 1								
Vryheid, Vry	heid Privaat V	/eeartse							
Beef: 3									
Eastern Cap	е								
Graaff-Rein	et, Graaff Rein	net Veteri	nary Clinic	3					
Sheep: 3			-						
Port Alfred,	Port Alfred Ve	terinary (Clinic						
Beef: 2									
Two cows (Po	ort Alfred)								
Western Ca	pe								
Caledon, Ov	erberg Veterir	nary Hosp	ital						
Sheep: 2									
Darling, Tyg	erberg Diereh	ospitaal [Darling						
Sheep: 2									
	, Dr Otto Krie	k							
Dairy: 2	•								
•	, Malmesbury	Dierehos	pitaal						
Beef: 3, Dairy			•						
	iketberg Diere	ehospitaa	I						
Sheep: 3			<u>-</u>						
	Riversdal Dier	ekliniek							
Dairy: 2									
	h, Stellenbosc	h Animal I	Hosnital						
Beef: 1	ii, occiiciibosci	n Amma	i ioopitai						
	, Swellendam	Dierehos	nitaal						
Dairy: 3	, orremenaum	Dicicios	pitaai						
Northern Ca	ne .								
	Kimberley Die:	rakliniak							
Beef: 3	difficulty Diel	CKIIIICK							
Kerato-conjur	nctivitis								
. conjui	.cavido								
Joint Ill									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape

					2.0				
Average		1.0(1)	1.0(1)			1.3 (4)	1.0(1)	2.0(2)	
					(1)				
Level of imp	ortance scale: 1	= one case	2. 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
reported	ortanice scale: 1	one case	c, 2 more	z cham oi	ne case	bat icos triari	terr and 5	more tria	11 10 64363
			4.0 (4)		2.0	4.7.(2)		2.0 (1)	
Beef			1.0 (1)		(1)	1.5 (2)		2.0 (1)	
Dairy					(-)			2.0 (1)	
-		1 () (1)						2.0 (1)	,
Sheep		1.0 (1)				1.0.(0)	1.0 (1)		
Goat						1.0(2)	1.0 (1)		
Gauteng									
	nderstepoort A	cademic I	Hospital a	nd Proc	luction	Animal Clin	ic		
Sheep: 1									
Septic arthrit	is								
Limpopo									
	Pietersburg V	eterinary	Clinic						
Beef: 1									
Free State									
	inburg Dierek	liniek							
Beef: 2									
Kwazulu-Na									
	n, Camperdov	vn Vet Cli	nic						
Goat: 1									
Estcourt, Es	stcourt Vet Cli	nic							
Goat: 1									
Newcastle,	Ncanduvet Ne	wcastle							
Beef: 1									
Vryheid, Vr	yheid Privaat \	/eeartse							
Beef: 2									
Calves									
Eastern Cap	oe e								
Graaff-Rein	et, Camdeboo	Veterina	ry Clinic						
Goat: 1									
Western Ca	ре								
Malmesbur	y, Malmesbury	Dierehos	pitaal						
Beef: 2, Dair	y: 2								
	s/Foot Prob	lems							^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North		Kwazulu-	Eastern	Western	Northern
				West	State	Natal	Cape	Cape	Cape
	2.0 (6)	2.0.(2)	1.0 (1)	3.0	2.0	1.0 (12)		2.0.(6)	
Average	2.0 (6)	2.0 (3)	1.0(1)	(1)	(8)	1.8 (12)		2.0 (6)	
				(-)					
Level of imp	ortance scale: 1	= one case	2 = more	than o	ne case l	hut less than	ten and 3	= more tha	n 10 cases
reported	or tarice scale. I	One case	c, 2 – more	. Giaii Oi	ic case	Dat 1033 triali	cen unu J	more tria	10 00303
. sported									
Beef	2.0 (2)	2.0 (1)	1.0(1)		1.8	1.6 (5)		2.0 (1)	
PEEI	2.0 (3)	2.0 (1)	1.0 (1)		(6)	1.6 (5)		2.0 (1)	
Dairy						3.0 (2)		2.0 (5)	
Dali y						3.0 (2)		-2.0(3)	,
Sheep	1.5 (2)			3.0	2.5	2.0(1)			
Sileeh	1.3 (2)			(1)	(2)	2.0 (1)			
Goat	3.0 (1)	2.0 (2)		— ()		1.5 (4)			
	7 (7 (1)	2.0 (2)				1.5 (4)			

Mpumalanga

Balfour, Balfour Dierekliniek Beef: 2 **Bethal, Bethal Dierekliniek** Sheep: 1 **Ermelo, Moregloed Veterinere Spreekkamer** Goat: 3 Middelburg, Middelburg Dierehospitaal **Volksrust, Cape Cross Volksrust Dierehospitaal** Beef: 2, Sheep: 2 Foot rot Gauteng Hammanskraal, Themba Animal Clinic Beef: 2, Goat: 2 **Pretoria, Anima Veterinary Consulting Rooms** Goat: 2 Limpopo Polokwane, Pietersburg Veterinary Clinic Beef: 1 **North West** Christiana, Christiana Dierehospitaal Sheep: 3 **Free State Bloemfontein, Dr Stephan Wessels** Kroonstad, Kroonstad Dierehospitaal Sheep: 2 Ladybrand, Ladybrand Beef: 2 Parys, Parys Dierehospitaal Beef: 2 **Reitz, Froneman Veterinary Practice** Beef: 2 **Vrede, Vrede Dierehospitaal** Sheep: 3 Foot rot Wesselsbron, Wesselsbron Dierekliniek Beef: 1 Winburg, Winburg Dierekliniek Beef: 2 Kwazulu-Natal Camperdown, Camperdown Vet Clinic Goat: 1 **Dundee, Endumeni Herd health** Beef: 2, Dairy: 3 **Estcourt, Estcourt Vet Clinic** Sheep: 2, Goat: 2 **Howick, Howick Veterinary Clinic** Beef: 2, Dairy: 3 Mtubatuba, Mtubatuba Animal Clinic **Newcastle, Ncanduvet Newcastle** Beef: 1 Pietermaritzburg, Richmond Veterinary Clinic Beef: 2 Pongola, Pongola Animal Clinic Beef: 1, Goat: 1 **Western Cape** Malmesbury, Dr Otto Kriek

Dairy: 2

			_						
	y, Malmesbury	Dierehos	pitaal						
Dairy: 3	Bivoredal Dio	rokliniak							
Beef: 2, Dairy	Riversdal Die	ekiiniek							
	h, Stellenbosc	h Animal	Hosnital						
Dairy: 1	ii, Stellelibose	an Ammu	iiospitai						
	ı, Swellendam	Dierehos	pitaal						
Dairy: 2	•		-						
Lung infe	ection								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-	Eastern Cape	Western Cape	Northern Cape
				West	State	Matai	Cape	Cape	Саре
Average	2.0 (5)	1.4 (5)	1.0 (4)	3.0 (2)	2.4 (10)	2.3 (3)	2.0 (3)	1.5 (2)	3.0 (1)
	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
reported									
Beef	1.8 (4)	1.0 (3)	1.0 (2)	3.0 (1)	2.4 (7)	2.5 (2)			
Dairy					2.0 (1)			2.0 (1)	
	2.0 (1)	2 0 (4)	1.0 (1)	3.0	2.5	2 0 (4)	2.0 (1)	1.0 (1)	2 0 (1)
Sheep	3.0 (1)	2.0 (1)	1.0 (1)	(1)	(2)	2.0 (1)	2.0 (1)	1.0 (1)	3.0 (1)
Goat		2.0 (1)	1.0 (1)				2.0 (2)		
Mpumalang									
	four Diereklin	iek							
Beef: 2									
Pasteurellosis	s hal Diereklinie	ماد							
Beef: 1	iai Dierekiiiile	:K							
	, Middelburg	Dierehosp	itaal						
Beef: 3, Shee		- 101 011 05 p							
	Pets Vet Hosp	ital							
Beef: 1									
Gauteng									
	spruit, Kerkstr	aat Diere	kliniek						
Beef: 1	wast Thanks	Amir:-1 0"	-1-						
Beef: 1, Shee	raal, Themba /	anımai Cli	IIIC						
	ep: 2, Goat: 2 nderstepoort A	cademic	Hosnital a	nd Prod	luction	Animal Clin	ic		
Beef: 1	iderstepoort A	icaaciiiic i	iospitai a	114 1 104	iuction	Annia Cin			
Limpopo									
	louberg Diere	kliniek							
Beef: 1									
Pasteurellosis									
	Pietersburg V	eterinary/	Clinic						
Beef: 1, Shee	•								
North West	Christiana Die	rehoenita	al						
Beef: 3, Shee		enospita	a i						
Free State									
	in, Dr Stephar	Wessels							
Beef: 2									
	ocolan Dierek	liniek							
Beef: 2, Dairy	y: 2, Sheep: 2								

	rankfort Diere	ekliniek							
Beef: 3	loonstad Diox	aklimiak							
Beef: 3, Shee	loopstad Diero	ekimiek							
Ladybrand,	•								
Beef: 2	Ludybrana								
	e Dierehospita	aal							
Beef: 3									
Winburg, W	inburg Dierek	liniek							
Beef: 2									
Kwazulu-Na	ital								
Bergville, Tu	ıgela Vet Clini	ic							
Beef: 2, Shee									
	dumeni Herd l	health							
Beef: 3									
Eastern Cap									
	et, Camdeboo	Veterina	ry Clinic						
Goat: 2	-1 C C D -1		Ol'	_					
	et, Graaff Reii	net veteri	nary Clinic	C					
Sheep: 2, Goo Western Ca									
	pe erberg Veteri	nary Hoer	nital						
Sheep: 1	erberg vetern	iiai y iiosp	Jitai						
	, Malmesbury	Dierehos	nitaal						
Dairy: 2	,, i-idiliicsbui y	Dicientos	picaai						
Northern Ca	ipe								
	lvinia Veearts	kliniek							
Sheep: 3									
Mastitis i	n deneral								^
	ii generai								_
				North	Free	Kwazulu-	Eastern	Western	Northern
	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
	Mpumalanga	Gauteng	Limpopo	West	State	Natal	Cape	Cape	
		Gauteng	Limpopo	West	State 1.7		Cape		
PROVINCE	Mpumalanga	Gauteng	Limpopo	West	State	Natal	Cape	Cape	
PROVINCE Average	Mpumalanga			3.0 (2)	1.7 (3)	1.7 (3)	Cape 2.0 (1)	Cape 2.0 (5)	Cape
PROVINCE Average	Mpumalanga			3.0 (2)	1.7 (3)	1.7 (3)	Cape 2.0 (1)	Cape 2.0 (5)	Cape
PROVINCE Average Level of impo	Mpumalanga			West 3.0 (2) e than or	1.7 (3)	Natal 1.7 (3) but less than	2.0 (1) ten and 3	Cape 2.0 (5)	Cape
PROVINCE Average Level of impo	Mpumalanga			3.0 (2) e than or	1.7 (3)	1.7 (3)	Cape 2.0 (1)	Cape 2.0 (5)	Cape
Average Level of imporeported	Mpumalanga			West 3.0 (2) e than or	1.7 (3) ne case	Natal 1.7 (3) but less than	2.0 (1) ten and 3	2.0 (5) = more tha	Cape
Average Level of imporeported Beef	Mpumalanga 3.0 (1) ortance scale: 1			3.0 (2) e than or	1.7 (3)	1.7 (3) but less than 1.0 (2)	2.0 (1) ten and 3	2.0 (5) = more that 2.0 (1)	Cape
Average Level of imporeported	Mpumalanga			3.0 (2) e than or	1.7 (3) ne case	Natal 1.7 (3) but less than	2.0 (1) ten and 3	2.0 (5) = more tha	Cape
Average Level of imporeported Beef Dairy	Mpumalanga 3.0 (1) ortance scale: 1			3.0 (2) e than or (1)	1.7 (3) ne case	1.7 (3) but less than 1.0 (2)	2.0 (1) ten and 3	2.0 (5) = more that 2.0 (1) 2.3 (3)	Cape
Average Level of imporeported Beef	Mpumalanga 3.0 (1) ortance scale: 1			3.0 (2) e than or (1) 3.0	1.7 (3) ne case	1.7 (3) but less than 1.0 (2)	2.0 (1) ten and 3	2.0 (5) = more that 2.0 (1)	Cape
PROVINCE Average Level of imporeported Beef Dairy Sheep	Mpumalanga 3.0 (1) ortance scale: 1 3.0 (1)			3.0 (2) e than or (1)	1.7 (3) ne case	1.7 (3) but less than 1.0 (2)	2.0 (1) ten and 3	2.0 (5) = more that 2.0 (1) 2.3 (3)	Cape
Average Level of imporeported Beef Dairy Sheep Mpumalang	Mpumalanga 3.0 (1) ortance scale: 1 3.0 (1)	= one case		3.0 (2) e than or (1) 3.0	1.7 (3) ne case	1.7 (3) but less than 1.0 (2)	2.0 (1) ten and 3	2.0 (5) = more that 2.0 (1) 2.3 (3)	Cape
Average Level of imporeported Beef Dairy Sheep Mpumalang Balfour, Bal	Mpumalanga 3.0 (1) ortance scale: 1 3.0 (1)	= one case		3.0 (2) e than or (1) 3.0	1.7 (3) ne case	1.7 (3) but less than 1.0 (2)	2.0 (1) ten and 3	2.0 (5) = more that 2.0 (1) 2.3 (3)	Cape
PROVINCE Average Level of impore reported Beef Dairy Sheep Mpumalang Balfour, Ball Dairy: 3	Mpumalanga 3.0 (1) ortance scale: 1 3.0 (1)	= one case		3.0 (2) e than or (1) 3.0	1.7 (3) ne case	1.7 (3) but less than 1.0 (2)	2.0 (1) ten and 3	2.0 (5) = more that 2.0 (1) 2.3 (3)	Cape
PROVINCE Average Level of impore reported Beef Dairy Sheep Mpumalang Balfour, Ball Dairy: 3 North West	Mpumalanga 3.0 (1) ortance scale: 1 3.0 (1) a four Diereklin	= one case	e, 2 = more	3.0 (2) e than or (1) 3.0	1.7 (3) ne case	1.7 (3) but less than 1.0 (2)	2.0 (1) ten and 3	2.0 (5) = more that 2.0 (1) 2.3 (3)	Cape
Average Level of impore reported Beef Dairy Sheep Mpumalang Balfour, Baldairy: 3 North West Christiana,	Mpumalanga 3.0 (1) ortance scale: 1 3.0 (1) a four Diereklin Christiana Die	= one case	e, 2 = more	3.0 (2) e than or (1) 3.0	1.7 (3) ne case	1.7 (3) but less than 1.0 (2)	2.0 (1) ten and 3	2.0 (5) = more that 2.0 (1) 2.3 (3)	Cape
PROVINCE Average Level of impore reported Beef Dairy Sheep Mpumalang Balfour, Ball Dairy: 3 North West	Mpumalanga 3.0 (1) ortance scale: 1 3.0 (1) a four Diereklin Christiana Die	= one case	e, 2 = more	3.0 (2) e than or (1) 3.0	1.7 (3) ne case	1.7 (3) but less than 1.0 (2)	2.0 (1) ten and 3	2.0 (5) = more that 2.0 (1) 2.3 (3)	Cape
Average Level of impore reported Beef Dairy Sheep Mpumalang Balfour, Balloairy: 3 North West Christiana, 6 Beef: 3, Sheef	Mpumalanga 3.0 (1) ortance scale: 1 3.0 (1) a four Diereklin Christiana Die p: 3	iek	e, 2 = more	3.0 (2) e than or (1) 3.0	1.7 (3) ne case	1.7 (3) but less than 1.0 (2)	2.0 (1) ten and 3	2.0 (5) = more that 2.0 (1) 2.3 (3)	Cape
Average Level of impore reported Beef Dairy Sheep Mpumalang Balfour, Balloairy: 3 North West Christiana, 6 Beef: 3, Sheef	Mpumalanga 3.0 (1) ortance scale: 1 3.0 (1) a four Diereklin Christiana Die	iek	e, 2 = more	3.0 (2) e than or (1) 3.0	1.7 (3) ne case	1.7 (3) but less than 1.0 (2)	2.0 (1) ten and 3	2.0 (5) = more that 2.0 (1) 2.3 (3)	Cape
PROVINCE Average Level of imporeported Beef Dairy Sheep Mpumalang Balfour, Bal Dairy: 3 North West Christiana, 6 Beef: 3, Shee Free State Bloemfonte Dairy: 2 Clocolan, Cl	Mpumalanga 3.0 (1) ortance scale: 1 3.0 (1) a four Diereklin Christiana Die p: 3	iek rehospita	e, 2 = more	3.0 (2) e than or (1) 3.0	1.7 (3) ne case	1.7 (3) but less than 1.0 (2)	2.0 (1) ten and 3	2.0 (5) = more that 2.0 (1) 2.3 (3)	Cape
PROVINCE Average Level of imporreported Beef Dairy Sheep Mpumalang Balfour, Bal Dairy: 3 North West Christiana, 6 Beef: 3, Shee Free State Bloemfonte Dairy: 2 Clocolan, Cl Dairy: 2	Mpumalanga 3.0 (1) ortance scale: 1 3.0 (1) a four Diereklin Christiana Die p: 3 in, Dr Stephan ocolan Dierek	iek rehospita	e, 2 = more	3.0 (2) e than or (1) 3.0	1.7 (3) ne case	1.7 (3) but less than 1.0 (2)	2.0 (1) ten and 3	2.0 (5) = more that 2.0 (1) 2.3 (3)	Cape
PROVINCE Average Level of imporeported Beef Dairy Sheep Mpumalang Balfour, Bal Dairy: 3 North West Christiana, 6 Beef: 3, Shee Free State Bloemfonte Dairy: 2 Clocolan, Cl	Mpumalanga 3.0 (1) ortance scale: 1 3.0 (1) a four Diereklin Christiana Die p: 3 in, Dr Stephan ocolan Dierek	iek rehospita	e, 2 = more	3.0 (2) e than or (1) 3.0	1.7 (3) ne case	1.7 (3) but less than 1.0 (2)	2.0 (1) ten and 3	2.0 (5) = more that 2.0 (1) 2.3 (3)	Cape

Dairy: 1									
Kwazulu-Na	ital wick Veterinar	n Clinic							
Dairy: 3	wick veterillar	y Cillic							
	Ncanduvet Ne	wcastle							
Beef: 1									
Pongola, Po	ngola Animal	Clinic							
Beef: 1									
Eastern Cap									
	et, Graaff Reir	net Veteri	nary Clinic						
Beef: 2									
Western Cap	pe , Dr Otto Krie	l _r							
Dairy: 1	, Di Otto Kile	N.							
	, Malmesbury	Dierehos	pitaal						
Beef: 2, Dairy			p						
	Riversdal Dier	ekliniek							
Sheep: 1									
	, Swellendam	Dierehos	pitaal						
Dairy: 3									
Navel III									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)		1.0 (1)		1.0 (1)			2.0 (1)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or		but less than	ten and 3	= more tha	n 10 cases
Beef	1.0 (1)		1.0 (1)		1.0 (1)				
Dairy								2.0 (1)	
Mpumalang	а								
	four Diereklin	iek							
Beef: 1									
Limpopo	Pietersburg V	atorinary	Clinic						
Beef: 1	rictersburg v	etermary	Cillic						
Free State									
Ladybrand,	Ladybrand								
Beef: 1									
Western Cap									
	Riversdal Dier	ekliniek							
Dairy: 2									
Red gut (Sheep)								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average								2.0 (2)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Sheep								2.0 (2)	

Western Ca	pe								
	est, Beaufort \	West State	e Vet						
Sheep: 2									
	, Malmesbury	Dierehos	pitaal						
Sheep: 2									
Trauma									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.5 (2)	1.0 (2)		1.0 (1)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	out less than	ten and 3	= more tha	n 10 cases
Beef					1.0 (1)	1.0 (2)			
Dairy								1.0(1)	
Sheep					2.0 (1)				
Beef: 1 Fraumatic ret Newcastle, Beef: 1 Fraumatic per Western Car Riversdale, Dairy: 1 Downer PROVINCE	ital In, Camperdov iculo-pericarditis Ncanduvet Ne ricarditis (wire)	s (wire) wcastle rekliniek Gauteng	Limpopo	North	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)	1.0 (1)		(3)			1.5 (2)	
Level of impo reported	ortance scale: 1	= one case	e, 2 = more	than or		out less than	ten and 3	= more tha	n 10 cases
Beef		2.0 (1)	1.0 (1)		1.0 (1)			1.0 (1)	
Dairy					1.5 (2)			2.0 (1)	
Gauteng Pretoria, On Beef: 2	derstepoort A	cademic I	Hospital a	nd Prod	uction	Animal Clin	ic		
Limpopo									
	Pietershura V	eterinary	Clinic						
olokwane,	Pietersburg V	eterinary	Clinic						

Traumatic pe	ricarditis (wire)								
Free State									
Clocolan, Cl	ocolan Dierek	liniek							
Beef: 1, Dairy	<i>ı</i> : 2								
Reitz, Frone	man Veterina	ry Practic	е						
Dairy: 1		-							
Western Ca	ре								
Riversdale,	Riversdal Dier	ekliniek							
Beef: 1, Dairy									
	ic Diseases	;							
Acidosis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)			1.0 (1)	3.0 (1)	2.0 (1)		2.0 (5)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or		out less than	ten and 3	= more tha	n 10 cases
Beef					3.0 (1)			2.0 (1)	
Dairy	1.0(1)				_	2.0 (1)		2.0 (2)	
Sheep				1.0 (1)				2.0 (2)	
Mpumalang		leasurat Dia		_1					
	ape Cross Vol	KSI USL DIE	enospita	aı					
Dairy: 1 North West									
	N: - - - - -								
Brits, Brits I	Легекипиек								
Sheep: 1									
Free State									
	inburg Dierek	liniek							
Beef: 3	1 - 1								
Kwazulu-Na		•							
	tcourt Vet Clir	1IC							
Dairy: 2									
Western Ca		N: C:	- \/-:						
	est, Beaufort V	west State	e vet						
Sheep: 2	Latina and de								
	tation not done		-1: 1						
	(WC), Heidelb	erg Dierel	Kiiniek						
Dairy: 1	N4 - 1	D' .							
	, Malmesbury	Dierenos	pitaai						
	v: 3, Sheep: 2								
Displaced	l abomasun								
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)	2.5 (2)		2.0 (1)	

	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
reported									
Dairy					1.0 (1)	2.5 (2)		2.0 (1)	
ree State					<u> </u>				<u>.</u>
locolan, Cl	ocolan Dierek	liniek							
airy: 1									
(wazulu-Na	ntal								
)undee, En	dumeni Herd h	nealth							
Dairy: 2									
lowick, Ho	wick Veterinar	y Clinic							
Dairy: 3									
Nestern Ca									
	y, Malmesbury	Dierehos	pitaal						
Dairy: 2									
Ketosis									_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.5 (2)			1.0 (1)	2.0 (1)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef					1.0 (1)				
Dairy					2.0 (1)			1.0 (1)	
Sheep									2.0 (1)
ree State									
Clocolan, Cl	ocolan Dierek	liniek							
Dairy: 2									
loopstad, F	loopstad Diere	ekliniek							
Beef: 1									
Nestern Ca	pe								
Malmesbury	,, Invitrotech								
Dairy: 1									
Northern Ca	-								
	Kimberley Die	rekliniek							
Sheep: 2									
Milk Feve	er								
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average			1.0 (1)		1.0 (1)	3.0 (1)		2.0 (3)	1.0 (1)
	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
reported									

Dairy			1.0(1)		1.0 (1)	3.0 (1)		2.0 (2)	
Limpopo									
	Vaalwater Die	respreekk	amer						
Dairy: 1									
Free State Ladybrand,	Ladybrand								
Dairy: 1	Ladybrand								
Kwazulu-Na	atal								
	wick Veterina	ry Clinic							
Dairy: 3									
Western Ca	-								
	y, Invitrotech								
Dairy: 1	Malasashaa	D:							
Dairy: 3	y, Malmesbury	Dierenos	pitaai						
	Riversdal Die	ekliniek							
Beef: 2	Kiverbaar Brei	CKIIIICK							
Northern C	аре								
	rg, Postmasbu	rg Dierek	iniek						
Beef: 1									
Reprodu	ıctive disea	ises							
Dystocia	(Difficult Bi	rths)							^
	(Difficult Di								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.9 (7)	1.3 (3)	2.0 (4)	2.5 (2)	2.2 (17)	1.7 (6)	2.0 (1)	1.6 (8)	2.0 (1)
Level of imp reported	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	in 10 cases
Beef	1.8 (5)	1.5 (2)	2.0 (4)	2.5 (2)	2.1 (14)	1.5 (4)	2.0 (1)	1.7 (3)	2.0 (1)
Dairy						2.0(2)		1.6 (5)	
Sheep	2.0 (1)	1.0(1)			2.7 (3)				
Goat	2.0(1)								
Mpumalang	ja								
Balfour, Ba	lfour Diereklin	iek							
	ep: 2, Goat: 2								
	hal Diereklinie	k							
Beef: 1	54° d.J. II.		•• •						
Beef: 3	, Middelburg	Dierenosp	ıtaaı						
	Pets Vet Hosp	ital							
Beef: 1	. cts vet 110sp	···							
	Cape Cross Vol	ksrust Die	rehospita	al					
Beef: 2									
Gauteng									
Bronkhorst Beef: 2	spruit, Kerkstr	aat Diere	kliniek						
	nderstepoort A	cademic I	Hospital a	nd Proc	luction	Animal Clin	ic		
, 56									

Limpopo Makhado, Blouberg Dierekliniek Beef: 2 3 cases **Modimolle, Kranskop Dierekliniek** Beef: 1 Farmer pulled calf - animal died due to complication. Mokopane, Potgietersrus Dierekliniek **Polokwane, Pietersburg Veterinary Clinic** Beef: 3 **North West** Christiana, Christiana Dierehospitaal Ventersdorp, Ventersdorp Dierekliniek Beef: 2 **Free State Bloemfontein, Dr Stephan Wessels Bultfontein, Greylingsrust Dierespreekkamer** Clocolan, Clocolan Dierekliniek Beef: 2, Sheep: 2 Dewetsdorp, Platkop Dierekliniek Ficksburg, Oosvrystaat Diere Produkte Beef: 2 Frankfort, Frankfort Dierekliniek Beef: 3, Sheep: 3 **Hoopstad, Hoopstad Dierekliniek** Beef: 3, Sheep: 3 **Kroonstad, Kroonstad Dierehospitaal** Beef: 3 Ladybrand, Ladybrand Beef: 1 Parys, Parys Dierehospitaal **Reitz, Froneman Veterinary Practice** Beef: 2 Reitz, Riemland Dierehospitaal Beef: 2 Senekal, Senekal Dierekliniek Winburg, Winburg Dierekliniek Beef: 3 Kwazulu-Natal Bergville, Tugela Vet Clinic Beef: 1 **Dundee, Endumeni Herd health** Beef: 1 **Estcourt, Estcourt Vet Clinic** Dairy: 1 **Howick, Howick Veterinary Clinic** Dairy: 3 Mtubatuba, Mtubatuba Animal Clinic **Newcastle, Ncanduvet Newcastle** Beef: 3 **Eastern Cape** Aliwal North, Hertzogbrug Dierekliniek

Beef: 2									
Western Ca	ре								
Malmesbury	, Dr Otto Krie	k							
Dairy: 1									
Malmesbury	, Malmesbury	Dierehos	pitaal						
Beef: 2, Dairy	<i>ı</i> : 2								
Plettenberg	Bay, Plettenb	erg Bay A	Reitz						
Beef: 1									
Autopsy, cow	died due to dys	stocia							
Riversdale,	Riversdal Dier	ekliniek							
Beef: 2, Dairy	<i>ı</i> : 2								
Stellenbosc	h, Stellenbosc	h Animal	Hospital						
Dairy: 1									
Swellendam	ı, Swellendam	Dierehos	pitaal						
Dairy: 2									
Northern Ca	ipe								
Postmasbur	g, Postmasbu	rg Dierek	liniek						
Beef: 2									
Endonos	utest								^
Endomet	ritis								
					_		_		
PROVINCE	Mpumalanga	Gauteng	Limpopo	North		Kwazulu-		Western	Northern
			•	west	State	Natai	Cape	Cape	Cape
Average		1.0(1)			1.5	3.0 (1)		2.2 (5)	
Average		1.0 (1)			(2)	3.0 (1)		2.2 (3)	
Level of impo	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	out less than	ten and 3	= more tha	n 10 cases
reported			•						
·		1 0 (1)						1.0 (1)	
Beef		1.0 (1)						1.0 (1)	
D-:					1.5	2.0 (1)		2.5 (4)	
Dairy					(2)	3.0 (1)		2.5 (4)	
Gauteng									
	derstepoort A	cademic I	Hoenital a	nd Drod	luction	Animal Clin	ic		
Beef: 1	idei stepoort A	Caucillic	nospitai a	iiu Piou	uction	Allillai Cili	IIC .		
Free State									
	ocolan Dierek	liniek							
Dairy: 1	ocolali Dieleki	IIIIEK							
	nekal Dierekli	niek							
Dairy: 2	ilekai Dielekii	IIICK							
Kwazulu-Na	tal								
	wick Veterinar	v Clinic							
Dairy: 3	WICK VECEIIIIai	y Cillic							
Western Ca	ne								
	(WC), Heidelb	ara Diara	kliniek						
Dairy: 2	(), Heldelb	CIS DICIC	CK						
•	, Malmesbury	Dierehos	nitaal						
Dairy: 3	,, mannesbury	21010103	Picaai						
	Riversdal Dier	ekliniek							
Beef: 1, Dairy		CKIIIICK							
	n, Swellendam	Dierehos	nitaal						
Dairy: 3	ı, Swellelluallı	Diei ellos	Pitaai						
Dali y. 3									
Metritis									^
				Nouth	Eros	Vuenda	Encto	Wests	North - ···
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape

				3.0	1.8				
Average	1.0 (3)			(1)	(5)	3.0 (1)	2.5 (2)	2.0 (3)	
				(-)	(-)				
	ortance scale: 1	= one case	e, 2 = more	e than or	ne case	but less than	$ten \ and \ 3$	= more tha	n 10 cases
reported									
	1.0 (1)			3.0	2.0		2.0 (1)		
Beef	1.0 (1)			(1)	(2)		2.0 (1)		
				_ \ /	2.0				
Dairy					(2)	3.0 (1)	3.0 (1)	2.0 (3)	
					1.0				
Sheep	1.0(1)								
	1.0 (1)				(1)				
Goat	1.0 (1)								
Mpumalang									
	lfour Diereklin	iek							
	ep: 1, Goat: 1								
North West		uoboonito							
	Christiana Die	renospita	aı						
Beef: 3 Free State									
	in Dr Stanban	Wossels							
Beef: 2	in, Dr Stephan	wessels							
	locolan Dierek	liniek							
Dairy: 2	ocolali Dierek	iiiick							
	Kroonstad Die	rehosnita	al						
Beef: 2, Dair		i Cilospica	Q1						
Ladybrand,									
Sheep: 1	Ladybrand								
Kwazulu-Na	atal								
	wick Veterina	ry Clinic							
Dairy: 3		,							
Eastern Cap	ре								
	h, Hertzogbrug	Diereklii	niek						
Beef: 2	,								
Kareedouw	, Tenax Vet Cli	inic							
Dairy: 3									
80 cases of n	netritis								
Western Ca	ре								
Malmesbury	y, Dr Otto Krie	k							
Dairy: 1									
Malmesbur	y, Malmesbury	Dierehos	pitaal						
Dairy: 3									
	n, Swellendam	Dierehos	pitaal						
Dairy: 2									
Poor con	ception								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (3)	3.0 (1)		2.8 (5)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	e than or	ne case	out less than	ten and 3	= more tha	n 10 cases
Roof					2.0			2.0.(1)	
Beef					2.0			3.0 (1)	

					(3)				
Dairy						3.0 (1)		3.0 (2)	,
Sheep								2.5 (2)	
Free State								```	
	locolan Dierek	liniek							
Beef: 2	Jacustad Diam	alelimi ale							
Beef: 2	Hoopstad Diero	ekiiniek							
	inburg Dierek	liniek							
Beef: 2									
Kwazulu-Na									
Dairy: 3	wick Veterina	ry Clinic							
Western Ca		aus Diaus	lelimin le						
Sheep: 2	(WC), Heidelb	erg Diere	Kiiniek						
	y, Malmesbury	Dierehos	pitaal						
Beef: 3, Dairy			,						
Swellendan	n, Swellendam	Dierehos	pitaal						
Dairy: 3									
	, Vredenburg	Dierehosp	itaal						
Sheep: 3	ion due to droug	aht							
rooi concept	ion due to droug	Jiit.							
Retained	afterbirth								_
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)		1.0 (1)	2.0 (1)	1.3 (3)	2.0 (2)	ı	1.8 (5)	
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
	ortance scale: 1	= one case	e, 2 = more 1.0 (1)		1.3 (3)		ten and 3	= more tha 1.0 (2)	n 10 cases
reported		= one case		2.0	1.3		ten and 3		n 10 cases
reported Beef		= one case		2.0	1.3	1.0 (1)	ten and 3	1.0 (2)	n 10 cases
reported Beef Dairy Goat Mpumalang Balfour, Bal Beef: 1, Goat Limpopo Polokwane,	1.0 (1) 1.0 (1) Ja Ifour Diereklin	iek	1.0 (1)	2.0	1.3	1.0 (1)	ten and 3	1.0 (2)	n 10 cases
reported Beef Dairy Goat Mpumalang Balfour, Bal Beef: 1, Goat Limpopo Polokwane, Beef: 1	1.0 (1) 1.0 (1) Ja Ifour Diereklin 1: 1 Pietersburg V	iek	1.0 (1)	2.0	1.3	1.0 (1)	ten and 3	1.0 (2)	n 10 cases
reported Beef Dairy Goat Mpumalang Balfour, Bal Beef: 1, Goat Limpopo Polokwane, Beef: 1 North West	1.0 (1) 1.0 (1) Ja Ifour Diereklin 1: 1 Pietersburg V	iek /eterinary	1.0 (1) Clinic	2.0	1.3	1.0 (1)	ten and 3	1.0 (2)	n 10 cases
reported Beef Dairy Goat Mpumalang Balfour, Bal Beef: 1, Goat Limpopo Polokwane, Beef: 1 North West	1.0 (1) 1.0 (1) Ja Ifour Diereklin 1: 1 Pietersburg V	iek /eterinary	1.0 (1) Clinic	2.0	1.3	1.0 (1)	ten and 3	1.0 (2)	n 10 cases
reported Beef Dairy Goat Mpumalang Balfour, Bal Beef: 1, Goat Limpopo Polokwane, Beef: 1 North West Christiana, Beef: 2 Free State	1.0 (1) 1.0 (1) Ja Ifour Diereklin 1: 1 Pietersburg V Christiana Die	iek 'eterinary rehospita	1.0 (1) Clinic	2.0	1.3	1.0 (1)	ten and 3	1.0 (2)	n 10 cases
reported Beef Dairy Goat Mpumalang Balfour, Bal Beef: 1, Goat Limpopo Polokwane, Beef: 1 North West Christiana, Beef: 2 Free State Ficksburg, (1.0 (1) 1.0 (1) Ja Ifour Diereklin 1: 1 Pietersburg V	iek 'eterinary rehospita	1.0 (1) Clinic	2.0	1.3	1.0 (1)	ten and 3	1.0 (2)	n 10 cases
reported Beef Dairy Goat Mpumalang Balfour, Bal Beef: 1, Goat Limpopo Polokwane, Beef: 1 North West Christiana, Beef: 2 Free State Ficksburg, (Beef: 1	1.0 (1) 1.0 (1) Ja Ifour Diereklin The Pietersburg V Christiana Die Cosvrystaat Die	iek 'eterinary rehospita	1.0 (1) Clinic	2.0	1.3	1.0 (1)	ten and 3	1.0 (2)	n 10 cases
reported Beef Dairy Goat Mpumalang Balfour, Bal Beef: 1, Goat Limpopo Polokwane, Beef: 1 North West Christiana, Beef: 2 Free State Ficksburg, (Beef: 1 Ladybrand,	1.0 (1) 1.0 (1) Ja Ifour Diereklin The Pietersburg V Christiana Die Cosvrystaat Die	iek 'eterinary rehospita	1.0 (1) Clinic	2.0	1.3	1.0 (1)	ten and 3	1.0 (2)	n 10 cases
reported Beef Dairy Goat Mpumalang Balfour, Bal Beef: 1, Goat Limpopo Polokwane, Beef: 1 North West Christiana, Beef: 2 Free State Ficksburg, (Beef: 1 Ladybrand, Beef: 1 Winburg, W	1.0 (1) 1.0 (1) Ja Ifour Diereklin The Pietersburg V Christiana Die Cosvrystaat Die	iek /eterinary rehospita ere Produ	1.0 (1) Clinic	2.0	1.3	1.0 (1)	ten and 3	1.0 (2)	n 10 cases
reported Beef Dairy Goat Mpumalang Balfour, Bal Beef: 1, Goat Limpopo Polokwane, Beef: 1 North West Christiana, Beef: 2 Free State Ficksburg, (Beef: 1 Ladybrand, Beef: 1	1.0 (1) 1.0	iek /eterinary rehospita ere Produ	1.0 (1) Clinic	2.0	1.3	1.0 (1)	ten and 3	1.0 (2)	n 10 cases
reported Beef Dairy Goat Mpumalang Balfour, Bal Beef: 1, Goat Limpopo Polokwane, Beef: 1 North West Christiana, Beef: 2 Free State Ficksburg, G Beef: 1 Ladybrand, Beef: 1 Winburg, W Beef: 2 Kwazulu-Na	1.0 (1) 1.0	iek /eterinary rehospita ere Produ	1.0 (1) Clinic	2.0	1.3	1.0 (1)	ten and 3	1.0 (2)	n 10 cases

Dairy: 3									
	Ncanduvet Ne	wcastle							
Beef: 1									
Western Ca	•	•							
	, Dr Otto Krie	K							
Dairy: 1	. Malas a alassas	D:	!41						
	,, Malmesbury	Dierenos	рітааі						
Dairy: 3	Diversalal Dies	مادانساداد							
Beef: 1	Riversdal Dier	екипіек							
	h Ctallanhaca	h Amimal	U a a mital						
Beef: 1	h, Stellenbosc	n Animai	поѕрісаі						
	. Gwallandam	Dioroboo	mitaal						
Dairy: 3	n, Swellendam	Dielelios	рісааі						
Dally. 3									
Sheath P	rolaps								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.3 (4)	1.0(1)			1.0 (1)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef					1.3 (4)	1.0 (1)			1.0 (1)
Free State									
Ficksburg, (Dosvrystaat Di	ere Produ	ıkte						
Beef: 1									
Hoopstad, F	loopstad Diere	ekliniek							
Beef: 1									
Kroonstad,	Kroonstad Die	rehospita	al						
Beef: 1									
Ladybrand,	Ladybrand								
Beef: 2									
Kwazulu-Na			_						
	Mtubatuba Ar	nimal Clin	ic						
Beef: 1									
Northern Ca	-	. 5							
	g, Postmasbu	rg Dierek	liniek						
Beef: 1									
Uterus pr	olaps								^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)			1.8 (10)			2.0 (1)	1.0 (1)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case	but less than	ten and 3	= more tha	n 10 cases
Beef					1.9 (8)				1.0 (1)
Dairy					1.0			2.0(1)	
								- (-)	

					(1)				
Sheep		1.0 (1)			2.0 (1)				
Gauteng									
	nderstepoort A	cademic	Hospital a	nd Prod	luction	Animal Clin	ic		
Sheep: 1 Free State									
	ocolan Dierek	liniek							
Beef: 2	ocolali Dieleki	iiiiek							
	Dosvrystaat Di	ere Produ	ıkte						
Beef: 2									
Frankfort, F	rankfort Diere	kliniek							
Beef: 2, Shee									
	Kroonstad Die	rehospita	al						
Beef: 2	Ladykaand								
Ladybrand, Beef: 1	Ladybrand								
	eman Veterina	rv Practic	æ						
Beef: 2		.,							
Senekal, Se	nekal Dierekli	niek							
Beef: 2, Dairy									
Winburg, W	inburg Dierek	liniek							
Beef: 2									
Western Ca	-								
	n, Swellendam	Dierehos	spitaal						
Dairy: 2 Northern Ca	nno.								
	rg, Postmasbu	ra Dierek	liniek						
Beef: 1	9, 1 0001110000	. 9 2.0.0.							
Vaginal (Cervical) pr	olaps							^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	1.0 (2)			1.8 (8)	1.5 (2)	l	1.0 (1)	
Level of imported	ortance scale: 1	= one case	e, 2 = more	e than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef		1.0(1)			1.5 (6)	1.5 (2)		1.0 (1)	
Sheep	2.0 (1)	1.0(1)			2.5 (2)				
Mpumalang									
Sheep: 2	Cape Cross Vol	KSTUST DIE	erenospita	idi					
Gauteng									
	spruit, Kerkstr	aat Diere	kliniek						
Beef: 1	. ,								
	raal, Themba <i>l</i>	Animal Cli	nic						
Sheep: 1									
Free State									
		<u>.</u>							
	ocolan Dierek	liniek							

Ficksburg, Oosvrystaat Diere Produkte

Beef: 2		1-1::-1-							
Franktort, F Beef: 2	rankfort Diere	ekiiniek							
	Hoopstad Diere	ekliniek							
Sheep: 3	loopstad Diere	CKIIIICK							
	Kroonstad Die	rehospita	al						
Sheep: 2		•							
Ladybrand,	Ladybrand								
Beef: 1									
•	nekal Dierekli	niek							
Beef: 1									
	inburg Dierek	liniek							
Beef: 2	- 1 - I								
Kwazulu-Na Dundoo En		-							
Beef: 2	dumeni Herd h	ieaith							
	Mtubatuba Ar	nimal Clin	ic						
Beef: 1	intubatuba Ai	iiiiai Ciiii							
Western Ca	pe								
	n, Swellendam	Dierehos	pitaal						
Beef: 1	•		•						
Climatic	al Cause								
Cilliatic	ai Cause								
Drought									^
Diougiic									_
		_		North	Free	Kwazulu-	Eastern	Western	Northern
PROVINCE	Mpumalanga	Gauteng	Limpopo	West		Natal	Cape	Cape	Cape
							•	•	•
		(1)			3.0		(-)	- 0 (-)	(-)
Average		2.0 (1)			(1)		2.0 (5)	3.0 (3)	2.0 (3)
					(+)				
Level of impo	ortance scale: 1	= one case	e, 2 = more	e than or	ne case	but less than	ten and 3	= more tha	n 10 cases
reported			•						
					3.0				
Beef		2.0(1)					2.0(1)		2.0(1)
					(1)				
Dairy							2.0 (1)		
Sheep							2.0(1)	3.0 (3)	2.0(1)
Goat							2.0 (2)		2.0 (1)
							2.0 (2)		2.0 (1)
Gauteng	raal Thombs (Animal Cli	mia						
nammanski Beef: 2	raal, Themba <i>l</i>	Animai Cii	nic						
Free State									
	g, Dr. Wyn Irw	in							
Beef: 3	, ,								
Eastern Cap	е								
Graaff-Rein	et, Camdeboo	Veterina	ry Clinic						
Goat: 2									
	Witelsbos Vete		nsulting R	Rooms					
	y: 2, Sheep: 2, 0	Goat: 2							
Western Ca									
	Piketberg Dier	enospitaa	ı						
Sheep: 3	Vrodenbura	Diorobocz	vitaal						
vreaenburg Sheep: 3	, Vredenburg	pierenosp	ıılddi						
Wellinator	Wellington Di	erehoeni+	aal						
Sheep: 3	Wellington Di	erehospit	:aal						

Northern Cape

Postmasburg, Postmasburg Dierekliniek

Beef: 2, Sheep: 2, Goat: 2

Heat stress									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (3)			2.8 (4)	
Level of impo	ortance scale: 1	- one case	2 – more	than or	ne case l	hut less than	ten and 3	- more tha	n 10 cases

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

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2, Dairy: 2, Sheep: 2

Western Cape

Malmesbury, Dr Otto Kriek

Dairy: 2

All cows should have adequate shade. Cows with mastitis, foot problems, close-up cows and fresh cows often get neglected in terms of providing shade. Direct and indirect losses incurred by this practice are huge.

Malmesbury, Malmesbury Dierehospitaal

Beef: 3, Dairy: 3, Sheep: 3

Lightning									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)				2.1 (11)	2.5 (2)	1.0 (1)		2.0 (1)
Level of impore	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases

Beef 1.5 (2) 2.5 (2) 1.0 (1)	2.0 (1)
Sheep 2.5	

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 2 Free State

Bloemfontein, Dr Stephan Wessels

Beef: 1

Clocolan, Clocolan Dierekliniek

Beef: 2

•	loopstad Diere	ekliniek							
Beef: 2									
	Kroonstad Die	rehospita	al						
Beef: 2									
	nel Veterinary	Clinic							
Beef: 2, Shee									
	s Dierehospita	al							
Beef: 2									
	land Dierehos	pitaal							
Beef: 2									
	e Dierehospita	aal							
Beef: 3, Shee									
	inburg Dierek	liniek							
Beef: 2									
Kwazulu-Na									
	dumeni Herd l	nealth							
Beef: 2									
	Ncanduvet Ne	wcastle							
Beef: 3									
Eastern Cap									
	h, Hertzogbrug	g Dierekli	niek						
Beef: 1									
Northern Ca	-								
	Kimberley Die	rekliniek							
Beef: 2									
Non spe	cific diseas	ses							
Preditors									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West		Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
PROVINCE	Mpumalanga	Gauteng	Limpopo						
	Mpumalanga		Limpopo						
PROVINCE Average	Mpumalanga	Gauteng 1.0 (1)	Limpopo		State 2.3				
	Mpumalanga		Limpopo		State				
Average	Mpumalanga ortance scale: 1	1.0 (1)		West	2.3 (4)	Natal	Cape	Cape	Cape
Average Level of imporeported		1.0 (1) = one case		West	2.3 (4)	Natal	Cape	Cape	Cape
Average Level of impo		1.0 (1)		West	2.3 (4)	Natal	Cape	Cape	Cape
Average Level of imporeported Beef		1.0 (1) = one case		West	2.3 (4) ne case 2.0 (1)	Natal	Cape	Cape	Cape
Average Level of imporeported		1.0 (1) = one case		West	2.3 (4) ne case 2.0	Natal	Cape	Cape	Cape
Average Level of imporeported Beef		1.0 (1) = one case		West	2.3 (4) ne case 2.0 (1) 2.3	Natal	Cape	Cape	Cape
Average Level of impore reported Beef Sheep Gauteng		1.0 (1) = one case 1.0 (1)	e, 2 = more	West	2.3 (4) ne case 2.0 (1) 2.3 (3)	Natal but less than	Cape ten and 3	Cape	Cape
Average Level of impore reported Beef Sheep Gauteng	ortance scale: 1	1.0 (1) = one case 1.0 (1)	e, 2 = more	West	2.3 (4) ne case 2.0 (1) 2.3 (3)	Natal but less than	Cape ten and 3	Cape	Cape
Average Level of impore reported Beef Sheep Gauteng Pretoria, Or	ortance scale: 1	1.0 (1) = one case 1.0 (1)	e, 2 = more	West	2.3 (4) ne case 2.0 (1) 2.3 (3)	Natal but less than	Cape ten and 3	Cape	Cape
Average Level of impore reported Beef Sheep Gauteng Pretoria, Or Beef: 1	ortance scale: 1	1.0 (1) = one case 1.0 (1)	e, 2 = more	West	2.3 (4) ne case 2.0 (1) 2.3 (3)	Natal but less than	Cape ten and 3	Cape	Cape
Average Level of impore reported Beef Sheep Gauteng Pretoria, Or Beef: 1 Dog bite would be the state	ortance scale: 1	1.0 (1) = one case 1.0 (1)	e, 2 = more	West	2.3 (4) ne case 2.0 (1) 2.3 (3)	Natal but less than	Cape ten and 3	Cape	Cape
Average Level of impore reported Beef Sheep Gauteng Pretoria, Or Beef: 1 Dog bite would be the state	ortance scale: 1	1.0 (1) = one case 1.0 (1)	e, 2 = more	West	2.3 (4) ne case 2.0 (1) 2.3 (3)	Natal but less than	Cape ten and 3	Cape	Cape
Average Level of impore reported Beef Sheep Gauteng Pretoria, Or Beef: 1 Dog bite wou Free State Frankfort, F Sheep: 3	ortance scale: 1	1.0 (1) = one case 1.0 (1) academic	e, 2 = more	e than or	2.3 (4) ne case 2.0 (1) 2.3 (3)	Natal but less than	Cape ten and 3	Cape	Cape
Average Level of impore reported Beef Sheep Gauteng Pretoria, Or Beef: 1 Dog bite wou Free State Frankfort, F Sheep: 3	ortance scale: 1 Inderstepoort A	1.0 (1) = one case 1.0 (1) academic	e, 2 = more	e than or	2.3 (4) ne case 2.0 (1) 2.3 (3)	Natal but less than	Cape ten and 3	Cape	Cape
Average Level of impore reported Beef Sheep Gauteng Pretoria, Or Beef: 1 Dog bite wou Free State Frankfort, F Sheep: 3 Philippolis, Sheep: 3	ortance scale: 1 Inderstepoort A Inds Frankfort Diere	1.0 (1) = one case 1.0 (1) cademic lekliniek	e, 2 = more	e than or	2.3 (4) ne case 2.0 (1) 2.3 (3)	Natal but less than	Cape ten and 3	Cape	Cape
Average Level of impore reported Beef Sheep Gauteng Pretoria, Or Beef: 1 Dog bite wou Free State Frankfort, F Sheep: 3 Philippolis, Sheep: 3	ortance scale: 1 nderstepoort A nds rankfort Diere Rowelsfonteir	1.0 (1) = one case 1.0 (1) cademic lekliniek	e, 2 = more	e than or	2.3 (4) ne case 2.0 (1) 2.3 (3)	Natal but less than	Cape ten and 3	Cape	Cape
Average Level of impore reported Beef Sheep Gauteng Pretoria, Or Beef: 1 Dog bite wou Free State Frankfort, F Sheep: 3 Philippolis, Sheep: 3 Reitz, Riem Sheep: 1	ortance scale: 1 nderstepoort A nds rankfort Diere Rowelsfonteir	1.0 (1) = one case 1.0 (1) Academic I	e, 2 = more	e than or	2.3 (4) ne case 2.0 (1) 2.3 (3)	Natal but less than	Cape ten and 3	Cape	Cape
Average Level of impore reported Beef Sheep Gauteng Pretoria, Or Beef: 1 Dog bite wou Free State Frankfort, F Sheep: 3 Philippolis, Sheep: 3 Reitz, Riem Sheep: 1	nderstepoort Ands rankfort Diere Rowelsfonteir	1.0 (1) = one case 1.0 (1) Academic I	e, 2 = more	e than or	2.3 (4) ne case 2.0 (1) 2.3 (3)	Natal but less than	Cape ten and 3	Cape	Cape

Sabotation - Theft

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State		Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)				2.6 (8)	2.0 (1)			
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef					2.4 (5)				
Dairy						2.0(1)			
Sheep					3.0 (3)				
Goat	3.0 (1)								
Mpumalang	a								
Ermelo, Môi	regloed Veteri	nêre Spre	ekkamer						
Goat: 3									
Free State									
	ocolan Dierekl	liniek							
Beef: 3, Shee									
•	rankfort Diere	kliniek							
Beef: 3, Shee	p: 3 land Dierehos _l	nitaal							
Reitz, Rieili Beef: 2	ianu Dierenos	Jilaai							
	gepoort Dierek	rliniek Ve	nnootskar	`					
Beef: 2, Shee		MILITER VC	шоосэкар	<u> </u>					
	inburg Dierek	liniek							
Beef: 2									
Kwazulu-Na	ıtal								
Howick, Ho	wick Veterinar	y Clinic							
Dairy: 2									
Trauma									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu- Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.5 (2)							
Level of imported	ortance scale: 1	= one case	e, 2 = more	than or	ne case l	but less than	ten and 3	= more tha	n 10 cases
Beef		2.0(1)							
Goat		1.0 (1)							
Gauteng		(-)							
	raal, Themba A	nimal Cli	nia						