

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

February 2016

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

Click on Disease Reports

The following practices and laboratories (129) submitted reports during 2015:

Mpumalanga (12)

Balfour – Dr. Louis van Jaarsveld
Bethal – Dr. Hardus Pieters
Delmas – Dr. Johan Jooste
Delmas – Drs. Du Plessis and Ferreira
Grootvlei – Dr. Neels van Wyk
Karino (Nelspruit) – Dr. Silke Pfitzer
Lydenburg – Drs. Trümpelmann and Steyn
Nelspruit – Dr. André Beytell
Middelburg – Drs. Fourie, Malan and Erasmus
Piet Retief - Drs. Niebuhr and Weber
Standerton – Dr. Kobie Kroon
Volksrust – Drs. Watson and Solomon (André Visser)

Gauteng (7)

Bronkhorstspuit – Drs. De Bruin, De Bruin, Rudolph and Slabber
Krugersdorp – Dr. Clare Speedy
Magaliesburg – Dr. Ryan Jeffery
Nigel – Dr. Cindy van der Westhuizen
Onderstepoort Veterinary Academic Hospital – Proff. Annandale, Prozesky, Shakespear, Holm and Drs. De Haast, Esposito, Gratwick, Hamman, Harmse and O'Dell
Pretoria – Dr. Hanneke Pienaar

Limpopo (7)

Lephalale (Ellisras) – Dr. Brigitte Luck
Makhado (Louis Trichardt)– Drs. Harris, Klopper and Jacobs
Modimolle (Naboomspruit)– Drs. Huber, Bredell and Barnard
Mokopane (Potgietersrus) - Dr. Henk Visser
Mookgopong (Naboomspruit) – Prof. Dietmar Holm

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

Vaalwater - Dr. Hampie van Staden

North West (11)

Brits – Drs. Boshoff and Coertze

Christiana - Dr. Pieter Nel

Klerksdorp – Drs. Van den Berg and Theron

Klerksdorp – Drs. Coetzee and Venter

Leeudoringstad - Dr. Ian Jonker

Lichtenburg – Dr. Fritz Ras

Lichtenburg – Dr. Nelmarie-Krüger-Rall

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

Stella - Dr. Magdaleen Vosser

Ventersdorp/ Koster – Drs. Marais and Benadé

Vryburg – Dr. Jurie Kritzinger

Free State (27)

Bethlehem – Drs. Strydom and Strydom

Bethlehem – Dr. J.C. Du Plessis

Bethlehem – Dr. Henk Basson

Bloemfontein – Dr. Stephan Wessels

Bothaville – Dr. Johann Blaauw

Bultfontein – Dr. Santjie Pieterse

Clocolan – Dr. Liezel Wasserman (Marwick)

Dewetsdorp – Dr. Marike Badenhorst

Ficksburg – Drs. Kotze and Coetzer

Frankfort - Drs. Lessing, Cilliers and Janse van Rensburg

Gariiep Dam – Dr. Henk Basson

Harrismith - Drs. Thirion, Pretorius and Nel

Hoopstad - Dr. Kobus Pretorius

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

Ladybrand/Excelsior - Drs. De Vos and Nel

Memel – Drs. Nixon and Nixon

Parys – Drs. Wessels and Wessels

Phillipolis – Dr. Stephan Vermeulen

Reitz - Dr. Murray Smith

Trompsburg/Springfontein – Dr. Wyn Irwin

Viljoenskroon - Dr. Johan Kahts

Villiers – Drs. Hattingh and Hauptfleisch

Vrede – Drs. Myburgh and Bester-Cloete

Vrede- Dr. Rudolph Fourie

Wesselsbron –Dr. Johan Jacobs

Winburg – Drs. Albertyn and Albertyn

Zastron – Drs. Troskie and Strauss

KwaZulu-Natal (18)

Bergville - Dr. Ariena Shepherd

Bergville – Dr. Jubie Muller

Camperdown – Dr. Anthony van Tonder

Dundee – Drs. Marais and Fynn

Eshowe – Drs. Pryke and Hoffman

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

Greytown – Dr. Mike Caldicott

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

Ingogo – Dr. Trish Oglesby

Kokstad- Drs. Clowes and Shrivies

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

Mtubatuba – Dr. Trever Viljoen

Newcastle – Dr. Barry Rafferty

Pietermaritzburg – Dr. Rick Mapham

Pietermaritzburg – Dr. Phillip Kretzmann

Pongola – Dr. Heinz Kohrs

Underberg - Drs. Collins, King and Delaney

Vryheid – Drs. Theron and Theron

Eastern Cape (14)

Alexandria - Drs. Olivier and Dreyer

Alexandria – Dr. Thys Potgieter

Aliwal North/Zastron – Drs. Troskie and Strauss

Bathurst – Dr. Jane Pistorius

Cradock – Dr. Frans Erasmus

Graaff- Reinet - Dr. Roland Larson

Graaff-Reinet – Drs. Hobson, Strydom and Hennesy

Humansdorp - Drs. Van Niekerk, Jansen Van Vuuren, Barker and Kotze

Jeffreys Bay – Drs. Hoek, Lategan and McFarlane

Kareedouw- Dr. Marten Bootsma

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

Western Cape (18)

Beaufort West - Drs. Pienaar and Grobler

Caledon – Drs. Retief and Rissik

Ceres – Drs. Pieterse, Wium, Freeman, 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 - Drs. Bosman and Groenewald
Oudtshoorn – Dr. Glen Carlisle
Oudtshoorn – Dr. Adriaan Olivier
Piketberg – Dr. André van der Merwe
Plettenberg Bay – Dr. André Reitz
Riversdale – Drs. Du Plessis, Taylor and De Bruyn
Stellenbosch – Dr. Alfred Kidd
Swellendam – Drs. Malan and Venter
Vredenburg - Dr. Izak Rust
Wellington – Dr. William van Zyl

Northern Cape (7)

De Aar – Dr. Donald Anderson
Calvinia – Dr. Bertus Nel
Jan Kempdorp – Dr. Jan Brand
Kathu – Dr. Jan Vorster
Kimberley – Drs. Van Heerden and Swart
Kimberley – Dr. Trudie Prinsloo
Upington – Drs. Vorster and Visser

Feedlots (2)

Drs. Morris and Du Preez
Dr. Andy Hentzen

Laboratory reports (6)

Dr. Mark Chimes - Deltamune laboratory
Dr. Marijke Henton - Idexx SA Johannesburg
Dr. Liza du Plessis – Idexx SA Onderstepoort
Dr. Alan Fischer – Queenstown Provincial laboratory
Dr. Rick Last – Vetdiagnostix, Pietermaritzburg
Dr. Emily Lane – National Zoological Gardens

Summary of disease report for February 2016

129 Reports from veterinary practices and laboratories were received (Mpumalanga (MP) 12; Gauteng (G) 7; Limpopo (L) 7; North West (NW) 11; Free State (FS) 27; KwaZulu-Natal (KZN) 18; Eastern Cape (EC) 14; Western Cape (WC) 18; Northern Cape (NC) 7; Feedlots (FL) 2 and Laboratories (Lab) 6).

Drought situation

Although good rains have fallen in many drought stricken areas reports of empty dams were received. Roughage will be scarce this coming winter and cash flow may be a problem.

Visit the website of the Livestock coordinating committee for valuable information regarding managing the present drought situation. <http://www.lwcc.org.za/>

DROUGHTS AND LIVESTOCK

Droughts are a seasonal occurrence in our Region and are predicted to become more intense in Southern Africa. The years when droughts are likely to occur are not really predictable far in advance. Livestock farmers should factor into their management plan in advance appropriate action/s they plan to institute in the event of a drought. Livestock farmers remain accountable for the welfare of their animals at all times and the animals should not bear the brunt of poor planning. It is totally unacceptable for livestock to starve to death which is cruel, slow and totally avoidable.

There are three options that can be taken when faced with a prolonged drought: to feed , to sell or to slaughter . The time to act is immediately when confronted with the realisation that things are not going to improve in the short term. Starvation (doing nothing) must be avoided at all costs .

- Allowing animals to starve is both financially disastrous with no return at all for livestock that die and morally unacceptable.
- Money obtained from livestock sales can be used to buy feed for the remaining animals and eventually to buy livestock when the drought ends.
- Reducing livestock numbers has the advantage that less but more effective supplements for remaining livestock can be made available.
- Delaying the culling of an animal deprived of food may also render the meat from such an animal unsuitable for human consumption.
- Stocking drought-stricken farms with a full complement of hungry animals will force them to graze very aggressively, which can ruin pastures and veld for years before they can recover.
- Overstocking these farms increases the likelihood of plant poisoning in desperate, hungry livestock.
- Starved animals will not grow or reproduce adequately and their offspring are likely to be permanently stunted and unproductive.
- Undernourished livestock are far more susceptible to a range of diseases and parasites.
- Economic recovery after the drought ends will be slow and expensive.
- Last but not least, it is ethically not acceptable simply to allow animals to starve to death slowly.

Farmers have to implement their contingency plans in stages as the drought becomes more critical.

- Sell older animals that will struggle during a drought and may not make it through the winter in a poorer condition
- wean calves, lambs or kids as far as possible even if lighter than normal and assist small weanlings that are not immediately marketable
- keep core livestock that will be needed to rebuild the herd later and remove all non-breeding livestock, and stores from the grazing .

When the condition of livestock has deteriorated to the point that they are not marketable, it is preferable to kill them humanely rather than to allow them to die a lingering and pointless death.

Because droughts of varying degrees are inevitable, it is advisable that farmers accumulate a reserve of at least 6 months feed in the form of hay, silage, foggage or conserved grazing.

Brown ear-ticks	x	x	x	x	x	x	x	x	
Bont-legged ticks	x	x	x	x	x	x		x	X
Red-legged ticks	x		x	x	x	x			
Paralysis ticks	x				x	x			
Biting lice	x							x	
Sucking lice		x			x				
Itch mites					x			x	
Sheep scab	x			x	x			x	
Mange mites			x		x				
Nuisance flies	x		x	x	x	x	x	x	
Midges	x	x		x	x	x		x	
Mosquitoes						x			
Blowflies	x	x	x		x	x		x	
Screw-worm	x		x			x			
Nasal bot		x			x	x			

Reports of an increase in tick numbers were received. As many animals are in poor condition, bloodloss due to blue ticks taking in blood meals could result in serious losses.

In most areas severe infestations of brown ear-tick and bont-legged tick infestations were reported.

Be aware of wounds that are caused by ticks with long mouth parts (bont and bont legged-ticks) as the screw-worm fly lays its eggs in these wounds leading to myiasis (screw-worm larvae in wounds) and even deaths.

Selection for resistant blue ticks are an ever increasing problem, discuss your ectoparasite control program with your veterinarian.

Tick borne diseases

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

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

Tick borne diseases are rife due to tick numbers increasing during the summer months. Susceptible animals are also moved into red water and heartwater areas. Infected ticks are also transported with grass bales from infected areas. Vaccines are available to control most of these tick transmitted diseases. **Discuss preventative measures with your veterinarian.**

The following tick toxicoses were reported by practices in the provinces:

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

Heavy infestations of bont-legged ticks were reported. Sweating sickness is caused by the toxin secreted by the bont-legged tick. They like to attach in the tail brush and therefore this area should be treated as well.

Paralysis due to the toxin secreted by the Karoo paralysis tick was also reported.

Insect transmittable diseases

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

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

An increase in the occurrence of insect transmissible diseases were reported. This was due to an increase of midges and biting flies which are carriers of viruses.

In the past Rift Valley Fever outbreaks were seen after good rains following a drought period. Do not neglect vaccinating animals! After good rains midge and mosquito numbers will increase and so will insect transmittable diseases.

Veneral diseases

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

Venereal diseases	MP	G	L	NW	FS	KZN	EC	WC	NC
Trichomonosis	x	x		x	x	x			
Vibriosis				x	x		x		
Pizzle disease	x								

New cases of **trichomonosis** are reported every month and this disease is out of hand. This month it was reported that the disease was brought into the herd by buying in bulls. Make sure that you buy bulls from farmers where biosecurity measures are in place!

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

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.

Bacterial diseases

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

Bacterial diseases	MP	G	L	NW	FS	KZN	EC	WC	NC
Blackquarter	x	x	x	x	x	x	x		
Botulism	x			x					
Pulpy kidney	x	x	x	x	x	x	x	x	
Lamb dysentery					x				
Swelled head	x	x			x	x	x		
Red gut (cattle)	x				x	x	x		
Blood gut (sheep)				x	x		x	x	
Tetanus	x					x	x		
Salmonellosis	x				x	x	x	x	
Bovine brucellosis	x		x	x	x	x			
Ovine brucellosis					x				x
<i>Actinobacillus seminis</i>									
Bovine tuberculosis						x			
Johne's						x			
Leptospirosis									
Listeriosis									
<i>Pseudomonas</i>									
<i>Fusibacterium necrophorum</i>					x				
Septicaemia								x	
<i>E. coli</i>	x			x	x	x		x	
Enzootic abortion	x			x					
Lumpy wool									
Uterine gangrene									
Bovine dermatophilosis (Senkobo disease)	x					x			
Wooden tongue									
Lumpy jaw								x	

A few comments on bacterial diseases:

Smallstock are given additional concentrates and feed during the drought. Make sure that animals are vaccinated against pulpy kidney as many deaths were reported.

New brucellosis and *E. coli* outbreaks are reported every month.

Study the presence of diseases in your area and update your vaccination programme and order vaccines and booster doses in advance!

To control and eradicate brucellosis is a top priority for all of us!

Viral diseases

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

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

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

There is not a vaccine available against snotsiekte. This deadly virus is associated with wildebeest but remember there is also a sheep associated strain. Wildebeest sheds the virus especially during their calving season, when calves are weaned and during the hunting season when they are stressed.

Discuss vaccination programmes with your veterinarian.

Fungal diseases

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

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

Protozoal diseases

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

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

Toxicities

The following toxicities were reported by practices in the provinces:

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

Bladder stones					X				
Blindness				X	X		X		
Bloat		X		X	X	X	X	X	
Blood gut (sheep)							X		
Blue udder					X	X	X	X	
Diarrhoea	X	X	X	X	X	X		X	
Epididymitis					X	X			
Eye cancer	X			X	X	X		X	
Eye infections	X	X		X	X	X	X	X	
Joint ill	X				X	X	X		
Lameness/foot problems	X	X		X	X	X	X	X	
Lung infection	X	X		X	X	X	X	X	X
Mastitis	X	X	X	X	X	X	X	X	
Navel ill				X		X			
Red gut (sheep, torsion of gut)									
Rectal prolaps									
Trauma	X	X	X		X				
Plastic bags (ingestion)									
Downer	X	X		X	X	X		X	

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

Metabolic diseases

The following diseases were reported by practices in the provinces:

Metabolic diseases	MP	G	L	NW	FS	KZN	EC	WC	NC
Acidosis	X			X	X	X		X	
Displaced abomasums					X	X			
Ketosis	X				X	X		X	
Milk fever					X	X		X	

There is an increase in the reporting of acidosis. Many farmers are feeding their animals due to the drought. Make sure that you adapt animals to feed containing concentrates.

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

Reproductive diseases

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

The drought and heat experienced play a huge role in fertility. Fertility of animals is one of the most important factors determining the success of farming. Discuss all issues with your veterinarian.

Environmental conditions

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

Other conditions: predators (FS); sabotage, theft (FS) and trauma (MP, G, FS, KZN) and traumatic pericarditis – wire penetrating the heart sack from the reticulum.

Comment:

In the CODE OF CONDUCT of the RPO the following standard operating procedures are documented. The local veterinarian should be your partner to help you achieve the necessary standards. <http://www.rpo.co.za/BestPractices/English.aspx>

PRECAUTIONARY MEASURES TO SUPPORT BIO-SECURITY.

Precautionary measures are required to protect the herd against diseases acquired because of external contact. The following categories are of concern:

1. DIRECT LIVESTOCK PURCHASES (and own animals returning):

The following should be *verified* before importing new animals into the herd:

- How long animals have resided at the purchase or previous location?
- Have there been any recent disease outbreaks in the location?
- Do brand marks clearly confirm ownership?
- Was a vaccination program followed (need paper or veterinarian proof). What are the local prevalent external parasites and the routinely implemented control program?
- Is a veterinarian supported control program against transmittable diseases followed?
- Dates and sufficient number of tests for reproductive diseases of both male and female
- Dates and tests for zoonotic diseases

The above should also be verified with the purchaser's own veterinarian.

2. PURCHASES FROM SALES OR SPECULATORS

- Purchase only in areas which are not in close proximity to scheduled areas
- Visually inspect the animals before purchasing for:

* brand marks

* parasite infestation

3. TRANSPORT TO THE FARM

- Use only reputable transporters
- Has the truck been cleaned and disinfected?

- Truck to follow the shortest uninterrupted route
- Truck to take the shortest route to the handling facilities
- Do not allow the truck personnel to get in contact with the farm herd

4. ARRIVAL ON THE FARM

- Off-load the livestock to limit stress and to be visually evaluated for any unnatural conditions
- Isolate them from the farm herd and shared facilities for at least 21 days (quarantine)
- Retest for diseases of concern if needed, before mixing with the rest of the herd
- Process new arrivals within 24 hrs after arrival (unique ID tag brand, dip, dose, vaccinate)
- Inspect regularly

5. FEED PURCHASES

- Ensure bales of hay are sourced from areas that are not bordering scheduled areas
- Purchase feed from reputable dealers only
- Avoid buying feed in second hand bags
- Ensure feed trucks are also disinfected and cleaned, especially if also used to transport animals to abattoirs

6. VISITORS

- Do not allow strangers or their vehicles amongst the livestock
- Ensure fences are well maintained and preferably jackal and warthog proof

7. EMPLOYEES

- Do not allow the employees to eat in feed stores
- Supply employees with sufficient ablution facilities
- Regularly arrange to let employees be medicated for tape worm and have health check-ups
- Keep record of all employee livestock on the property
- Treat employee livestock with separate but dedicated health programs
- Ensure employees understand the reason behind the implemented bio-security measures to help ensure compliance.

GENERAL AND REPRODUCTION MANAGEMENT

- Record keeping: All animals are individually identified and recorded.
- To prove ownership: All animals are marked with the registered brand mark according to the Animal Identification Act, No 6 of 2002.
- A defined breeding season is the basis of effective management: The breeding season coincides with the rainy season, i.e. the period when nutritive value of the pasture is at its best.
- Sufficient energy reserves in the herd as measured by condition scoring are vital, especially for effective breeding, and when inadequate the herd is supplemented in consultation with a nutritionist: Condition scoring of bulls and cows are regularly done, particularly at the onset of the breeding season and supplemented if necessary.
- Bull - cow ratios are maintained: A ratio of 1 to 25 is maintained in every separate herd.
- Fertility of breeding bulls: All breeding bulls are tested for mating ability and semen quality before the breeding season.
- Sexually transferable diseases: Sheath washes or scrapes on bulls are performed annually.
- Diseases that can cause poor conception, abortion or weak calves: Cows are vaccinated against such diseases in consultation with the veterinarian.

- Breeding success monitored by a veterinarian: Rectal pregnancy or scan diagnosis is done by the veterinarian 8 weeks after the breeding season.
- Twenty percent of cows or more not pregnant: Further tests are done to determine cause of low pregnancy rate.
- Culling of non-pregnant cows: Non-pregnant cows are removed from the herd and considered a necessary bonus to supporting herd income.

HERD HEALTH AND BIO-SECURITY

- Maintenance of herd health is key to a successful enterprise: A veterinarian should visit the farm bi-annually at least.
- Calf mortality before 3 months of age is an important reason for poor weaning percentage: Good management practices are applied to limit early calf deaths.
- Some diseases and parasites (internal and external) are more often encountered in specific areas: Annual vaccinations and a parasite control program should be applied according to regional requirements and in liaison with the veterinarian.
- Farmers selling weaned calves to feedlots may want to have a market advantage compared to others: A specific vaccination program is applied before weaning for that purpose.
- Herds may be at risk of being exposed to CA and TB: The herd is tested annually for CA and all heifers are vaccinated against CA between 4 and 8 months of age with an efficient, approved remedy. The herd is tested at least every 5 years for TB
- Precautionary measures are required to prevent diseases being imported into the herd: A quarantine program to keep incoming animals separate is followed. All incoming animals have a suitable certificate of negative test results or are of a certified clean, closed herd.
- Stock remedies and medicines should be registered, correctly stored and used before the transpire date: All medicines and stock remedies are registered, stored and applied according to prescription.
- Prescribed medicines with a specific application are under the control of the veterinary profession: All prescription medicines are obtained and applied under prescription from a veterinarian.

Practices that had nothing to report

Karino (Nelspruit) – Dr. Silke Pfitzer

Greytown – Dr. Mike Caldicott

Jan Kempdorp – Dr. Jan Brand

Ostriches

Western Cape

Oudtshoorn – Ostrimed

Condition	Comments
Tapeworms	2
Bont-legged ticks	3 High tick incidence which leads to down grading at abattoir due to export regulations. Bad season for ticks so far.
Cryptosporidium	2 See as prolaps of the cloaca. High water intake/ high

	urination, wet soils = pica = exposure to oocysts. Immune compromise – low feed intake during hot weather = prolapses
Enterotoxaemia (Red gut)	2 High heat leads to intermited feed intake. Cooler periods birds overeat and develop clostridial enterotoxaemia. Strategie treatment with antibiotics assists. Vaccination helps.
Diarrhoea	Soil pica, high temperatures triggers opportunistic bacterial infections. Heat triggers clostridial bacteria due to overflow of nutrients into the hind gut fermenting system.
Protein /Energy deficiency	2 High temperatures lead to over intake of water, flushing of nutrients, wet urinated areas lead to soil pica. Reduced feed intake, all contribute to diarrhoea – sand irritation and fecal bacteria. Insufficient nutrient intake, stress on immune system and growth. Opportunistic bacteria or other infections, chronic low grade <i>C. perfringens</i> infection. Gut damage. Poor growth partly due to low feed intake but significantly due to poor quality raw material being bought in for complete feeds. Soya 40% protein vs speced at 47%
Phosphate deficiency	1
Calcium deficiency	1
Vitamin E/Selenium deficiency	1 High heat, high energy ration, high fat places high demand and antioxidants. Develop classical white muscle disease with acute heart failure. Supplementation gives rapid response to recovery.
Vitamin A deficiency	1
Micro-element deficiency	1 Farmers reformulating due to expensive full feed. Own mixes frequently are unblanced or they dilute or cause imbalances to raw material added to full feeds
Ophthalmia	2
Sinusitis	3 Dusty environment due to high heat and dry environment. Wind every afternoon. Dust bowl effect. Together with challenges on nutrients and stress. Opens door for <i>Mycoplasma</i> .
Heat stroke	1 Birds have significantly reduced feed intake, resulting in energy and protein deficiency – poor growth and any stress e.g. handling or slightly cold weather causes acute mortalities due to protein energy deficiencies.

Equines

Mpumalanga

Lydenburg

Dermatophilosis – 2

Ophthalmia - 1

Gauteng

Magaliesburg

Equine encephalosis - 1

Limpopo

Mokopane – Dr. Henk Visser

Midges – 1
African Horse Sickness – 2
Vaalwater
Obstruction of oesophagus – Old mini horse

Free-State

Bethlehem
Colic - 1
Memel
Ionophore toxicity – 1
Babesiosis - 2

Eastern Cape

Port Alfred
Babesiosis - 2 cases
Weird viral disease – looked like dikkop African Horse Sickness but was not AHS nor EEV1

Swine

Gauteng

Onderstepoort Academic Hospital
Abscesses - 1

Eastern Cape

Alexandria
Urea poisoning – 2
Graaff-Reinet
Botulism

Game

Mpumalanga

Lydenburg
Resistant roundworms – 2
Cysticercosis - 1
Standerton

Drought – 3 Some specific farms horribly affected. Fodder bank for winter is problematic.

Gauteng

Pretoria -A nimavet
Heartwater ticks - 3
Brown ear-tick – 3
Bont legged-tick - 3
Abortion – 2
Arthritis – 1
Ophthalmia - 2
Abscesses – 2 Secondary to tick infestation
Lameness – 3 Secondary to tick infestation

Limpopo

Mokopane

Heartwater tick – 3
Brown ear-ticks – 3
Bont-legged tick – 1
Red-legged tick - 2
Blowflies – 1
Screw-worm 3

Polokwane

Bont-legged tick – 3
Capture myopathy – 2

Vaalwater

Heartwater – Springbuck

North West

Magaliesburg

Tick toxicosis - Sable and wildebeest calves
Babesiosis - Sable calves
Wireworm – Springbuck in small camp, stress
Blue lice - Springbuck in small camp, stress

Klerksdorp

Intestinal roundworms – 2
Tapeworms – 2
Brown ear-ticks - 2
Bont-legged ticks – 3
Red-legged tick – 3
Red gut - 2

Lichtenburg

Blue ticks – 3
Heartwater ticks – 2
Brown ear-ticks – 1
Bont-legged ticks – 3
Red-legged ticks – 3
Abortions – 1 Joint-ill – 1
Lameness- 2
Nutrition deficiency - Sable

Free-State

Memel

Blackleg – 1

Trauma – Fractured limbs due to fighting. Injuries possibly due to unnatural stocking densities.

Philippolis – Dr. Stephan Vermeulen

Paralysis ticks – 8 Gemsbuck out of a herd of 30 died a few days after a rain and hail storm. A cold strong wind blew which most probably activated paralysis ticks. This event occurred early in the season which usually only start in March.

KwaZulu-Natal

Pongola

Heartwater tick – 2
Brown ear-tick - 3

Protein deficiency – 3
Energy deficiency - 3
Drought – 3

Eastern Cape

Alexandria

Joint ill - 1

Graaff –Reinet – Camdeboo Veterinary Clinic

Panleukopenia virus – Lion 1

Port Alfred

Abscess – Sable, purulent abscess from tick worry.

Snake bite – suspected cobra bite in a Bontebok

Northern Cape

Kimberley –Drs. Van Heerden and Swart

Wounds – Tiger 1, Letchwe 1, Sable

Vaginal prolapse – Sable 1

Pneumonia – Roan 1

Malkopui toxicity – Buffalo 2

Monthly report on Livestock and Wildlife isolations for January 2016 from IDEXX Laboratories supplied by dr. Marijke Henton (marijke-henton@idexxsa.net)

Samples from respiratory disease in feedlot cattle yielded *Mannheimia haemolytica* [2], *Pasteurella multocida* [2], *Histophilus somni*, *Mannheimia* 8C and *Mannheimia* 7.

Brucella abortus caused an abortion. Cases of calf diarrhoea yielded *Salmonella* Dublin, *E. coli* and *Klebsiella pneumoniae*. Abscesses yielded *Trueperella pyogenes* in two cases, one of them together with *Prevotella*.

Pneumonia in sheep yielded *Pasteurella multocida* and *Histophilus somni*, and in an Angora goat, *Trueperella pyogenes*. Blue udder in sheep yielded *Mannheimia haemolytica* [2], *Staphylococcus pseudintermedius*, and a combination of *Trueperella pyogenes* and *Porphyromonas*. The OBP Blue Udder vaccine contains 3 strains of *Mannheimia haemolytica*, and two of *Staphylococcus aureus*. It is unknown whether the vaccine protects against *Staphylococcus pseudintermedius* or not.

Mannheimia strains need to be typed at Onderstepoort to establish whether they are similar to strains included in the vaccine, before the vaccine can be recommended.

Salmonella Choleraesuis was isolated from a pig farm, *E. coli* [2] from enteritis and *Pasteurella multocida*, *Bordetella bronchiseptica* and *E. coli* from cases of pneumonia in pigs.

Sporothrix caused lymphangitis in a horse and *Staphylococcus pseudintermedius* caused a skin infection in another horse. There was difficulty to treat a case in a stallion infected with both *Klebsiella pneumoniae* and *Pseudomonas aeruginosa*, where two sets of samples from the prepuce, before and after treatment yielded both each time. Post-operative wounds yielded a combination of

E. coli and *Enterococcus* in one case, *Pseudomonas aeruginosa* and *Actinomyces* in another, and *Klebsiella pneumoniae* and *E. coli* in a third.

Mannheimia varigena caused septicaemia in a buffalo, and *Pasteurella multocida* a joint infection in a springbok. *Klebsiella pneumoniae* caused septicaemia in a rhino, but the underlying infection was most probably *Clostridium novyi*.

Monthly report on Livestock and Wildlife isolations for February 2016 from IDEXX Laboratories supplied by dr. Liza du Plessis (Liza-DuPlessis@idexx.com)

Condition	Comments and Specie
Hepatotoxicity	B 1
Endometritis	G 1
Abscesses	B,O 1
Fusobacterium	B,O 1
Trauma	G 2
<i>Molluscum contagiosum</i>	E 1
Theileriosis	G 2

Feedlot report received from Dr. Shaun Morris and Dr. Eben du Preez for February 2016 (edupreez1@telkomsa.net)

Sheep feed lots

The following was observed:

Wireworm infestation caused numerous losses. Weak anaemic sheep react poorly to immunization with pulpy kidney vaccine and the inability to adapt to feedlot conditions.

Resistant wireworm infestation is rife.

Numerous pneumonia cases due to *Mannheimia haemolytica* and *Pasteurella multocida* occurred.

Vitamin B1 deficiencies with nervous signs which could easily be confused with botulism occurred. This deficiency was seen occurring with nutritional disturbances.

Rumen atrophy was seen in sheep arriving from poor grazing conditions.

The cause of mortalities in lambs within 5 to 6 days after birth is still unclear.

A few blue tongue cases were observed.

Lung abscesses were seen at meat inspection at abattoirs.

Prolapses in sheep that were in good condition occurred when they coughed due to dusty conditions.

Cattle feedlots

Pneumonia was the biggest cause of losses and lung lesions at abattoirs.

Pericarditis causes mortalities and is the reason why hearts are condemned at abattoirs. Cattle show clinical signs such as ventral oedema (watery swelling) of the neck and brisket similar to traumatic pericarditis (wire penetrating the heart sack from the reticulum).

Numerous deaths occurred in C-grade cattle arriving in poor condition at feedlots.

Acidosis with bloat and red gut mortalities occurred. At the abattoir severe lesions were seen on the rumen wall in animals that survived.

A few cases of three day stiff sickness were seen.

Numerous anaplasmosis and red water (Asiatic and African) cases were seen. Mortalities due to cerebral red water occurred.

Livers were condemned at abattoirs due to liver fluke infestations.

Parafilaria infestation damaged carcasses and losses occurred due to lesions that had to be trimmed.

Lantana toxicity caused serious damage to skins.

Feedlot report received from Dr. Andy Hentzen for February 2016

(andyvet@mweb.co.za)

Condition	Comments and Specie
Intestinal roundworms	O 2
Tapeworms	B 2
Blue ticks	B 3
Brown ear-ticks	B 3
Red-legged ticks	B 3
Biting lice	B 3
Sucking lice	B 3
Nuisance flies	B 3
Midges	B 3
African red water	B 3
Asiatic red water	B 3
Anaplasmosis	B 3
Lumpy skin disease	B 1
Three day stiff sickness	B 2
Blackleg	B 2
Swelled head	B 1
Red gut	B 3
Pulpy kidney	O 1
Ringworm	B 3
Leptospirosis	B 1
<i>E. coli</i>	B 2
BVD	B 3
IBR	B 3
Warts	B 3
Water contamination	B 3
Protein deficiency	B 3
Energy deficiency	B 3
Phosphate deficiency	B 3
Copper deficiency	B 2
Zinc deficiency	B 2
Selenium deficiency	B 2
Vitamin A deficiency	B 2
Combination of trace mineral deficiencies	B 3
Abortions	B 2

Poor conception	B 2
Dystocias	B 2
Metritis	B 2
Retained afterbirths	B 2
Lameness	B 3
Lungs	B 3
Diarrhoea	B 3
Ophthalmia	B 3
Abscesses	B,C 3

Monthly report for February 2016 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 Gengan
- Dr Rick Last

LIVESTOCK DISEASE SURVEILLANCE			
LIVESTOCK SPECIES	DISEASE AGENT	NO. CASES	LOCATION
Bovine, Calves	Colisepticaemia	1	Kokstad, KZN
Bovine, Cows	Monensin poisoning	2	Estcourt, KZN
Bovine Bulls	Trichomonas foetus	6	Bergville KZN
Bovine, Beef Cow	Liver fluke and toxic nephropathy	1	Empangeni, KZN
Bovine, Yearling	Clostridial red-gut	1	Howick, KZN
Bovine Weaner	Listeriosis	1	Ladysmith, KZN
Bovine Stillbirths	Hypertrophic cardiomyopathy (micronutrient def)	7	Harare, Zimbabwe

WILDLIFE SPECIES	DISEASE AGENT	NO. CASES	LOCATION
Lama	Enteric coccidiosis and hypovitaminosis A	1	Pietermaritzburg, KZN
Wild Dog	Pyothorax pleuritis migrating foreign body	1	Lammermoor, Gauteng
Golden Wildebeest Calf	Iron storage disease with CCN	1	Grahamstown, E.Cape
Roan Antelope, Calf	Nutritional myopathy	1	Hoedspruit, Limpopo
Blue Wildebeest	Black mamba neurotoxic shock lung	1	Nylstroom, Limpopo
Sable Antelope yearling	Hereditary sebaceous gland hyperplasia / dysplasia	1	Nylstroom, Limpopo
Lion Cub	Bacterial pleuropneumonia (Pasteurella?)	1	Ottosdal, Northern Cape
Sable Antelope, Yearling	Granulomatous osteomyelitis	1	Nylstroom, Limpopo

Buffalo, Adult	<i>Theileria parva</i>	4	Matubatuba, KZN
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Monthly report for February 2016 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 3
Resistant roundworms		O 2 (moxidectin)
Liver fluke	Cofimvaba	O 1
Heartwater ticks		B 1
Tampans	WhittleWhittlesea, Queenstownsea, Cofimvaba	Avian 2
Fleas (<i>Echidnophaga gallinaceae</i>)		
Asiatic red water	Queenstown, Nqeleni (cerebral), Elliot (cerebral)	B 3
Blackleg (<i>Clostridium chauvoei</i>)		B 1 (visceral)
Botulism		P 2 – chicken carcasses
<i>Chlamydophila pecorum</i>	Cofimvaba	O 1 - encephalitis
Rabies	Coffee Bay, Port St. Johns	3 (4 positives) Canine (Queenstown) Canine (Port St Johns) Canine (Mthatha) Equine (Mqanduli)

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

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

Monthly report for February 2016 from Deltamune laboratory Oudtshoorn as supplied by Dr. Mark Chimes (mark@deltamune.co.za)

Disease condition	Specie
Mastitis – Eastern and Western Cape	B 3
Trichomonosis - Queenstown	B 2

B – bovine; 2 = 2 to 9 cases; 3 = more than 10 cases

**Wildlife Pathology Research Programme – National Zoological Gardens.
Information supplied by Dr. Emily Lane (Emily@nzc.ac.za)
25 th Decemer 2015 to 31 st January 2016**

WILDLIFE PATHOLOGY RESEARCH PROGRAMME

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and Botanic Gardens (PAAZAB)

DAFF Import/Export Policy Unit Subdirectorate

Monthly report: Cases sent to referring veterinarians between 25 th December 2015 and
31 st January 2016 Cases from State vet Skukuza or Orpen Cases imported with master
permit and CITES permits (none)

PMDate	Species	Final	PM No
30-Nov-15	White faced Owl	None possible (autolysis)	152232
30-Nov-15	African Buffalo	Cachexia, bronchopneumonia	152231
27-Nov-15	African Buffalo	Ruminal acidosis, suspected copper deficiency	152233
04-Dec-15	Tartar Sand Boa	Melanoma	152240B
04-Dec-15	African Wild Dog	Disseminated tuberculosis	152239
08-Dec-15	Red Hartebeest	Dog bite wounds, abscess	152243
09-Dec-15	Cheetah	Grade 3 gastritis	152244B
14-Dec-15	Cheetah	Suspected oesophageal granulation tissue	152248B
14-Dec-15	Taiwan Beauty Ratsnake	Hepatic haemosiderosis and lipidosis	152245B
14-Dec-15	Leopard	Anaesthetic death	152246
14-Dec-15	Leopard	Complications of a broken tarsus	152247
14-Dec-15	Honey Badger	Problem animal	152249
14-Dec-15	African Buffalo	Presumed bovine tuberculosis	152250
17-Dec-15	Black shouldered Kite	None possible (no lesions)	152251
18-Dec-15	Capuchin Monkey	Suspected tetanus	152252
21-Dec-15	Chameleon	Suspected starvation	152253
21-Dec-15	Steenbok	Suspected blunt trauma, bite wounds	152255
21-Dec-15	Lion	Suspected subclinical CDV	152254
23-Dec-15	Lion	Suspected CDV	152258
24-Dec-15	Civet	Rabies	152256
24-Dec-15	Capuchin Monkey	Suspected tetanus	152257
24-Dec-15	Domestic Rabbit	Suspected uterine adenocarcinoma	152259
26-Dec-15	Lion	Cerebral and intestinal vasculitis	152260
27-Dec-15	Lion	Canine distemper virus infection	152261
29-Dec-15	Cheetah	Complications of oesophageal scar	152262
31-Dec-15	Tent Tortoise	Stomatitis	152263

DISEASE DISTRIBUTION REPORT AS REPORTED BY VETERINARIANS

rep_disease_sur	vetprac	
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Table of Contents

<u>Internal Parasites</u>	Roundworms in general , Resistant Round Worms , Wireworm , Brown stomach-worm , Nodular worm , Tape Worms , Parafilaria , Liver fluke , Conical Flukes , Cysticercosis
<u>External Parasites</u>	Blue ticks , Resistant blue Ticks , Heartwater (Bont) ticks , Brown ear-ticks , Bont-legged ticks , Red-legged ticks , Paralysis ticks , Biting lice (red lice) , Sucking lice (blue lice) , Scab mites , Mange Mites , Nuisance Flies , Blowflies , Screw-worm , Nasal bot larvae , Midges , Mosquitoes , Itch mite
<u>Tick-borne Diseases</u>	African red water , Asiatic red water , Anaplasmosis , Heartwater , Sweating Sickness , Corridor disease
<u>Insect Transmittable Diseases</u>	Lumpy skin disease , Three-day-stiffsickness , Blue tongue
<u>Venereal Diseases</u>	Trichomonosis , Vibriosis , Pizzle disease
<u>Bacterial Disease (other)</u>	Blackquarter , Botulism , Pulpy Kidney , Lamb dysentery , Swelled head disease , Redgut (cattle) , Blood gut (Sheep) , Tetanus , Salmonellosis , Brucella abortus , Brucella ovis , Bovine Tuberculosis , Johne`s disease , Septicaemia , E. coli , Enzootic Abortion , Bovine Dermatophilosis (Senkobo disease) , Fusibacterium necrophorum , Other
<u>Protozoal diseases (other)</u>	Besnoitiosis , Coccidiosis
<u>Fungal diseases</u>	Ringworm
<u>Viral Diseases (other)</u>	BMC , Rabies , BVD (Bovine viral diarrhoea) , IBR (Infectious bovine rhinotracheitis) , PI3 , Enzootic Bovine Leucosis (EBL) , Jaagsiekte , Orf , Warts
<u>Poisonings (Plant) and Fungal</u>	Cardiac glycoside poisoning , Cestrum , Cynanchum poisoning , Facial eczema , Geeldikkop/Dikoor , Gifblaar , Gousiekte , Kikuyu poisoning , Lantana , Nitrate poisoning , Prussic acid poisoning , Seneciosis , Tulip Poisoning , Vermeersiekte (Gaigeria spp.) , Mycotoxocosis , Other
<u>Poisonings</u>	Water contamination , Urea Poisoning , Snake Bite , Copper Poisoning , Chemical products
<u>Macro Nutritional Problems</u>	Energy deficiency , Protein deficiency , Phosphate deficiency , Calcium deficiency
<u>Micro Nutritional Problems</u>	Iodine deficiency , Copper deficiency , Selenium deficiency , Magnesium deficiency , Iodine deficiency , Vitamin A deficiency , Vitamin B deficiency
<u>Multi-factorial Disease Conditions</u>	Abortions , Stillbirths , Abscesses , Abscesses in general , Bladder stones , Blindness , Bloat , Blood gut (sheep and goat) , Blue udder , Diarrhoea , Epididymitis , Eye Cancer , Eye infections , Joint Ill , Lameness/Foot Problems , Lung infection , Mastitis in general , Navel Ill , Trauma , Downer , Other
<u>Metabolic Diseases</u>	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	Cause of death not established , Preditors , Sabotation - Theft , Trauma

Internal Parasites

Roundworms in general									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (6)	3.0 (1)	3.0 (4)	2.0 (4)	2.1 (14)	2.2 (14)	2.4 (5)	2.5 (6)	

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

Beef	2.0 (3)				1.7 (3)	2.5 (2)			
Dairy								2.0 (1)	
Sheep	2.0 (3)	3.0 (1)	3.0 (3)	1.7 (3)	2.4 (10)	2.0 (8)	2.3 (4)	2.6 (5)	
Goat			3.0 (1)	3.0 (1)	1.0 (1)	2.5 (4)	3.0 (1)		

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Sheep: 1

Standerton, Econovet

Beef: 3, Sheep: 3

Standerton, Standerton Dierehospitaal

Beef: 2, Sheep: 2

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 3

Limpopo

Makhado, Blouberg Dierekliniek

Sheep: 3

Numerous infestations

Modimolle, Kranskop Dierekliniek

Sheep: 3

Polokwane, Pietersburg Veterinary Clinic

Sheep: 3, Goat: 3

North West

Klerksdorp, Buffeldoorn Dierehospitaal

Goat: 3

Klerksdorp, Klerksdorp Dierehospitaal

Sheep: 2

Lichtenburg, Silver Cross veterinary Herd Health

Sheep: 2

Ventersdorp, Buffelsvlei Dierekliniek

Sheep: 1

Free State

Bloemfontein, Dr Stephan Wessels
Sheep: 3
Clocolan, Clocolan Dierekliniek
Sheep: 1
Ficksburg, Oos Vrystaat Diere Produkte
Sheep: 2, Goat: 1
Gariepdam, Gariep Dierekliniek
Sheep: 2
Harrismith, Harrismith Dierehospitaal
Beef: 2, Sheep: 3
Hoopstad, Hoopstad Dierekliniek
Beef: 1, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Sheep: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 2
Trompsburg, Dr. Wyn Irwin
Sheep: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Sheep: 3
Villiers, Wilgepoort Dierekliniek Vennootskap
Sheep: 3
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 2, Sheep: 2, Goat: 2
Estcourt, Estcourt Vet Clinic
Beef: 3, Sheep: 2, Goat: 3
Howick, Howick Veterinary Clinic
Sheep: 3, Goat: 3
Mooi River, Mooirivier Vet Clinic
Sheep: 2
Mtubatuba, Mtubatuba Animal Clinic
Sheep: 2, Goat: 2
Newcastle, Ncanduvet Newcastle
Sheep: 1
Underberg, Underberg Veterinary Surgery
Sheep: 2
Annual surge, resistance being observed to avermectins
Vryheid, Dr GH Theron
Sheep: 2
Eastern Cape
Graaff-Reinet, Camdeboo Veterinary Clinic
Sheep: 1, Goat: 3
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 3
Queenstown, Queenstown Veterinary clinic
Sheep: 3
Uitenhage, Uitenhage Dierehospitaal
Sheep: 2
Western Cape
Caledon, Overberg Veterinary Hospital
Sheep: 2
George, George Animal Hospital
Dairy: 2, Sheep: 3

Heidelberg (WC), Heidelberg Dierekliniek									
Sheep: 2									
Malmesbury, Bergzicht Dierehospitaal									
Sheep: 3									
Riversdale, Riversdal Dierekliniek									
Sheep: 3									
Resistant Round Worms									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)	2.0 (1)		3.0 (1)	1.6 (5)	1.7 (3)	2.0 (3)	3.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep	1.5 (2)	2.0 (1)			1.6 (5)	1.7 (3)	2.0 (2)	3.0 (1)	
Goat	2.0 (1)			3.0 (1)			2.0 (1)		
Mpumalanga									
Lydenburg, Lydenburg Dieresprekkamer									
Sheep: 2									
Nelspruit, Nelspruit Animal Hospital									
Goat: 2									
Standerton, Standerton Dierehospitaal									
Sheep: 1									
Gauteng									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 2									
North West									
Klerksdorp, Buffeldoorn Dierehospitaal									
Goat: 3									
Twelve kids died of wireworm infestation 2 weeks after dosing. Changed to organophosphate anthelmintic and animals recovered.									
Free State									
Bloemfontein, Dr Stephan Wessels									
Sheep: 2									
Gariepdam, Gariep Dierekliniek									
Sheep: 1									
Harrismith, Harrismith Dierehospitaal									
Sheep: 1									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 3									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 1									
Kwazulu-Natal									
Howick, Howick Veterinary Clinic									
Sheep: 3									
Mooi River, Mooirivier Vet Clinic									
Sheep: 1									
Dosed with Zolvix, barber worm evident, worm egg count still very high (Moniezia + Coccidia + Nematode eggs)									
Underberg, Underberg Veterinary Surgery									
Sheep: 1									
Annual surge, resistance being observed to avermectins									
Eastern Cape									

Cradock, Cradock Veterinary Clinic									
Sheep: 2									
Resistance on the increase									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Goat: 2									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 2									
Western Cape									
George, George Animal Hospital									
Sheep: 3									
Wireworm									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	2.0 (3)	3.0 (1)		2.0 (11)	2.4 (5)	1.8 (4)	2.5 (2)	2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.0 (1)				
Sheep	2.0 (1)	2.5 (2)	3.0 (1)		2.2 (9)	2.3 (3)	2.0 (2)	2.5 (2)	2.0 (1)
Goat		1.0 (1)			1.0 (1)	2.5 (2)	1.5 (2)		
Mpumalanga									
Piet Retief, Pets Vet Hospital									
Sheep: 2									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Sheep: 2, Goat: 1									
Nigel, Welgelegen Dierekliniek									
Sheep: 3									
Limpopo									
Ellisras, Matoppi Dierekliniek									
Sheep: 3									
Severe infestations									
Free State									
Bethlehem, Bethlehem Animal Hospital									
Sheep: 1									
Clocolan, Clocolan Dierekliniek									
Sheep: 1									
Ficksburg, Oos Vrystaat Dier Produkte									
Sheep: 2, Goat: 1									
Gariepdam, Gariep Dierekliniek									
Sheep: 3									
Severe infestation									
Harrismith, Harrismith Dierehospitaal									
Sheep: 3									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1, Sheep: 3									
Reitz, Riemland Dierekliniek									
Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 3									

Vrede, Vrede Dierehospitaal
Sheep: 2
Kwazulu-Natal
Dundee, Endumeni Herd health
Sheep: 2, Goat: 2
Howick, Howick Veterinary Clinic
Sheep: 3, Goat: 3
Kokstad, E.G.Veterinary Services
Sheep: 2
Eastern Cape
Bathurst, Dr Jane Pistorius
Goat: 1
Cradock, Cradock Veterinary Clinic
Sheep: 3
Graaff-Reinet, Camdeboo Veterinary Clinic
Sheep: 1, Goat: 2
Western Cape
George, George Animal Hospital
Sheep: 3
Riversdale, Riversdal Dierekliniek
Sheep: 2
Northern Cape
De Aar, De Aar Veterinary Clinic
Sheep: 2
Mortalities due to wireworm infestations after rain

Brown stomach-worm									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								2.5 (2)	

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

Sheep								2.5 (2)	
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Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
Sheep: 2
Malmesbury, Bergzicht Dierehospitaal
Sheep: 3

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

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

Sheep				2.0 (1)					
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North West
Vryburg, Vryburg Dierehospitaal

Sheep: 2

Tape Worms ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (4)	2.0 (1)			1.6 (8)	2.0 (4)	2.3 (4)		

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

Beef	1.0 (2)				2.0 (1)	2.0 (2)			
Dairy					1.0 (1)				
Sheep	1.0 (1)	2.0 (1)			1.7 (6)	2.0 (2)	2.5 (2)		
Goat	2.0 (1)						2.0 (2)		

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Goat: 2

Standerton, Econovet

Beef: 1, Sheep: 1

Standerton, Standerton Dierehospitaal

Beef: 1

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Free State

Bloemfontein, Dr Stephan Wessels

Sheep: 2

Clocolan, Clocolan Dierekliniek

Sheep: 1

Harrismith, Harrismith Dierehospitaal

Sheep: 2

Memel, Memel Veterinary Clinic

Sheep: 1

Reitz, Riemland Dierekliniek

Beef: 2, Dairy: 1, Sheep: 2

Trompsburg, Dr. Wyn Irwin

Sheep: 2

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Beef: 3, Sheep: 3

Ingogo, Gen XY Stud Beef Consultancy

Beef: 1

Pietermaritzburg, Richmond Veterinay Clinic

Sheep: 1

Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 2

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2, Goat: 2

Queenstown, Queenstown Veterinary clinic

Sheep: 3

Parafilaria ^

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

Limpopo									
Mokopane, Dr Henk Visser									
Beef: 2									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 1									
North West									
Ventersdorp, Buffelsvlei Dierekliniek									
Beef: 1									
Kwazulu-Natal									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Vryheid, Dr GH Theron									
Beef: 1									

Liver fluke									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)				1.8 (6)	2.5 (6)	1.0 (1)	2.0 (2)	

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

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

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Standerton, Standerton Dierehospitaal									
Beef: 1									
Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 2, Dairy: 2, Sheep: 2									
Ficksburg, Oos Vrystaat Diere Produkte									
Beef: 2, Dairy: 1									
Reitz, Riemland Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Howick, Howick Veterinary Clinic									
Beef: 3, Dairy: 3									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									
Pongola, Pongola Animal Clinic									

Beef: 2
River flood planes, Makhatini
Sheep: 2, Goat: 2
Eastern Cape
Uitenhage, Uitenhage Dierehospitaal
Sheep: 1
Western Cape
Riversdale, Riversdal Dierekliniek
Sheep: 2
Stellenbosch, Stellenbosch Animal Hospital
Beef: 2

Conical Flukes									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)				1.3 (4)	2.2 (5)	2.0 (2)	1.5 (2)	

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

Beef	1.0 (2)				1.3 (4)	2.0 (4)	2.0 (2)	2.0 (1)	
Dairy						3.0 (1)			
Sheep								1.0 (1)	

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Standerton, Econovet
Beef: 1
Free State
Clocolan, Clocolan Dierekliniek
Beef: 1
Ficksburg, Oos Vrystaat Diere Produkte
Beef: 1
Vrede, Saulshoek Dierepraktyk
Beef: 1
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Howick, Howick Veterinary Clinic
Beef: 3, Dairy: 3
Pietermaritzburg, Richmond Veterinary Clinic
Beef: 3
Pongola, Pongola Animal Clinic
Beef: 1
Vryheid, Dr GH Theron
Beef: 1
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Beef: 2
Western Cape
Beaufort West, Beaufort West State Vet

Sheep: 1

Ceres, Ceres Veterinary Hospital

Beef: 2

Cysticercosis

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

Beef	3.0 (1)				1.0 (1)				
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Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Abattoir inspection

Free State

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

External Parasites

Blue ticks

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	2.4 (7)	2.0 (1)	2.5 (2)	2.8 (5)	2.7 (19)	2.8 (14)	2.3 (4)	2.6 (7)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.5 (6)		2.5 (2)	2.8 (4)	2.6 (14)	2.7 (11)	2.3 (4)	2.7 (3)	
Dairy	2.0 (1)				3.0 (1)	3.0 (2)		2.5 (2)	
Sheep		2.0 (1)		3.0 (1)	2.7 (3)			2.5 (2)	
Goat					3.0 (1)	3.0 (1)			

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 3, Dairy: 2

Standerton, Econovet

Beef: 2

Standerton, Standerton Dierehospitaal

Beef: 3

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 3

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Limpopo

Mokopane, Dr Henk Visser

Beef: 2

Polokwane, Pietersburg Veterinary Clinic

Beef: 3

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Lichtenburg, Dr CM Kruger-Rall

Beef: 3

Lichtenburg, Silver Cross veterinary Herd Health

Beef: 3, Sheep: 3

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State

Bethlehem, Henk Basson

Beef: 2

Bloemfontein, Dr Stephan Wessels

Beef: 2

Clocolan, Clocolan Dierekliniek

Beef: 2

Ficksburg, Oos Vrystaat Diere Produkte

Beef: 3

General

Harrismith, Harrismith Dierehospitaal

Beef: 3, Dairy: 3, Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 3

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 3, Sheep: 3, Goat: 3

Memel, Memel Veterinary Clinic

Beef: 3

Trompsburg, Dr. Wyn Irwin

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Vrede, Saulshoek Dierepraktyk

Beef: 3

Vrede, Vrede Dierehospitaal

Beef: 3

Winburg, Winburg Dierekliniek

Beef: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Bergville, Tugela Vet Clinic

Beef: 2

Dundee, Endumeni Herd health

Beef: 3

Howick, Howick Veterinary Clinic

Beef: 3, Dairy: 3

Ingogo, Gen XY Stud Beef Consultancy									
Beef: 2									
Kokstad, E.G.Veterinary Services									
Beef: 2									
Mooi River, Mooirivier Vet Clinic									
Beef: 3, Dairy: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 3, Goat: 3									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									
Underberg, Underberg Veterinary Surgery									
Beef: 3									
Vryheid, Dr GH Theron									
Beef: 3									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Aliwal North, Hertzogbrug Dierekliniek									
Beef: 2									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Beef: 2									
Queenstown, Queenstown Veterinary clinic									
Beef: 3									
Western Cape									
George, George Animal Hospital									
Beef: 3, Dairy: 3									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Oudtshoorn, Oudtshoorn Dierekliniek									
Beef: 2, Sheep: 2									
Swellendam, Swellendam Dierehospitaal									
Beef: 3									
Wellington, Wellington Dierehospitaal									
Sheep: 3									
Op uiers									
Resistant blue Ticks									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)				1.0 (1)	2.5 (2)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.5 (2)				1.0 (1)	2.5 (2)			
Mpumalanga									
Lydenburg, Lydenburg Dieresprekkamer									
Beef: 2									
Nelspruit, Nelspruit Animal Hospital									
Beef: 1									
Free State									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 1									

Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									
Heartwater (Bont) ticks									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.7 (3)	2.7 (3)	3.0 (6)	2.3 (3)	3.0 (1)	2.4 (14)	2.0 (2)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.5 (2)	2.5 (2)	3.0 (2)	2.3 (3)	3.0 (1)	2.5 (6)	2.0 (1)		
Dairy						3.0 (1)			
Sheep		3.0 (1)	3.0 (2)			2.3 (3)			
Goat	3.0 (1)		3.0 (2)			2.3 (4)	2.0 (1)		
Mpumalanga									
Lydenburg, Lydenburg Dieresprekkamer									
Beef: 2									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3, Goat: 3									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Pretoria, Anima Veterinary Consulting Rooms									
Beef: 3, Sheep: 3									
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 3, Sheep: 3, Goat: 3									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 3, Sheep: 3, Goat: 3									
North West									
Klerksdorp, Klerksdorp Dierehospitaal									
Beef: 2									
Lichtenburg, Silver Cross veterinary Herd Health									
Beef: 2									
Stella, Stella Dierekliniek									
Beef: 3									
Free State									
Vrede, Vrede Dierehospitaal									
Beef: 3									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Dundee, Endumeni Herd health									
Beef: 3, Sheep: 2, Goat: 2									
Estcourt, Estcourt Vet Clinic									
Beef: 2, Dairy: 3, Goat: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									
Pongola, Pongola Animal Clinic									

Beef: 2, Sheep: 2, Goat: 2

Vryheid, Dr GH Theron

Beef: 3, Sheep: 3, Goat: 3

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2

Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 2

Fort Beaufort, Grahamstown

Brown ear-ticks

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (6)	3.0 (3)	3.0 (4)	2.0 (3)	2.0 (2)	2.8 (9)	3.0 (1)	3.0 (2)	

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

Beef	2.2 (5)	3.0 (2)	3.0 (2)	2.0 (3)	2.0 (2)	2.8 (9)	3.0 (1)	3.0 (1)	
Dairy								3.0 (1)	
Sheep	3.0 (1)	3.0 (1)	3.0 (1)						
Goat			3.0 (1)						

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Lydenburg, Lydenburg Dieresprekkamer

Beef: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Standerton, Econovet

Beef: 2

Standerton, Standerton Dierehospitaal

Beef: 3, Sheep: 3

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 3

Pretoria, Anima Veterinary Consulting Rooms

Beef: 3, Sheep: 3

Limpopo

Mokopane, Dr Henk Visser

Beef: 3, Sheep: 3, Goat: 3

Polokwane, Pietersburg Veterinary Clinic

Beef: 3

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Ventersdorp, Buffelsvlei Dierekliniek

Beef: 1

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2

Parys, Parys Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 3									
Bergville, Tugela Vet Clinic									
Beef: 2									
Dundee, Endumeni Herd health									
Beef: 3									
Estcourt, Estcourt Vet Clinic									
Beef: 2									
Ingogo, Gen XY Stud Beef Consultancy									
Beef: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 3									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									
Pongola, Pongola Animal Clinic									
Beef: 3									
Vryheid, Dr GH Theron									
Beef: 3									
Eastern Cape									
Cradock, Cradock Veterinary Clinic									
Beef: 3									
Western Cape									
George, George Animal Hospital									
Beef: 3, Dairy: 3									
Bont-legged ticks									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (5)	2.3 (4)	2.3 (3)	2.5 (10)	2.5 (25)	2.5 (2)		1.7 (3)	3.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.8 (5)	2.5 (2)	2.0 (2)	2.6 (7)	2.4 (15)	2.5 (2)		1.0 (1)	
Dairy					3.0 (2)				
Sheep		2.0 (1)	3.0 (1)	2.3 (3)	2.7 (6)			2.0 (2)	3.0 (1)
Goat		2.0 (1)			2.5 (2)				
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Bethal, Bethal Dierekliniek									
Beef: 1									
Lydenburg, Lydenburg Diersprekkamer									
Beef: 2									
Middelburg , Middelburg Dierehospitaal									
Beef: 2									
Standerton, Standerton Dierehospitaal									
Beef: 3									

Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 2, Sheep: 2, Goat: 2
Pretoria, Anima Veterinary Consulting Rooms
Beef: 3
Limpopo
Mokopane, Dr Henk Visser
Beef: 1
Polokwane, Pietersburg Veterinary Clinic
Beef: 3, Sheep: 3
North West
Christiana, Christiana Dierehospitaal
Beef: 3
Klerksdorp, Klerksdorp Dierehospitaal
Beef: 2, Sheep: 2
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3
Lichtenburg, Silver Cross veterinary Herd Health
Beef: 3
Stella, Stella Dierekliniek
Beef: 3, Sheep: 3
Ventersdorp, Buffelsvlei Dierekliniek
Beef: 1
Vryburg, Vryburg Dierehospitaal
Beef: 3, Sheep: 2
Free State
Bethlehem, Bethlehem State Vet
Beef: 2
Bethlehem, Henk Basson
Beef: 2
Bloemfontein, Dr Stephan Wessels
Beef: 2
Bultfontein, Greylingrust Dierspreekkamer
Beef: 3
Clocolan, Clocolan Dierekliniek
Beef: 2
Dewetsdorp, Platkop Dierekliniek
Beef: 2, Sheep: 2
Harrismith, Harrismith Dierehospitaal
Beef: 3, Dairy: 3, Sheep: 3
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 3, Sheep: 3
Memel, Memel Veterinary Clinic
Beef: 2
Trompsburg, Dr. Wyn Irwin
Beef: 2, Sheep: 2, Goat: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 3
Wesselsbron, Wesselsbron Dierekliniek
Beef: 1

Winburg, Winburg Dierekliniek
Beef: 3
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3
Western Cape
Oudtshoorn, Ostrimed
Beef: 1, Sheep: 1
Wellington, Wellington Dierehospitaal
Sheep: 3
Op uiers
Northern Cape
Calvinia, Calvinia Veeartskliniek
Sheep: 3

Red-legged ticks									
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)		2.0 (3)	3.0 (2)	2.5 (16)	2.5 (4)			

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

Beef	1.0 (1)		2.0 (1)	3.0 (2)	2.4 (8)	2.3 (3)			
Dairy					3.0 (1)				
Sheep			2.0 (1)		2.8 (5)	3.0 (1)			
Goat			2.0 (1)		2.0 (2)				

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Limpopo
Mokopane, Dr Henk Visser
Beef: 2, Sheep: 2, Goat: 2
North West
Christiana, Christiana Dierehospitaal
Beef: 3
Lichtenburg, Silver Cross veterinary Herd Health
Beef: 3
Free State
Bultfontein, Greylingsrust Dieresprekkamer
Beef: 2
Clocolan, Clocolan Dierekliniek
Beef: 1
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 3, Sheep: 3
Memel, Memel Veterinary Clinic

Beef: 2, Sheep: 2
Vrede, Saulshoek Dierepraktyk
Beef: 3, Sheep: 3
Wesselsbron, Wesselsbron Dierekliniek
Goat: 1
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3
Pongola, Pongola Animal Clinic
Beef: 1
Underberg, Underberg Veterinary Surgery
Beef: 3, Sheep: 3

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

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

Sheep	2.0 (1)				2.0 (1)	1.0 (1)			
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Mpumalanga
Middelburg , Middelburg Dierehospitaal
Sheep: 2
Free State
Memel, Memel Veterinary Clinic
Sheep: 2
Kwazulu-Natal
Underberg, Underberg Veterinary Surgery
Sheep: 1

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

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

Sheep	1.0 (1)								
Goat								1.0 (1)	

Mpumalanga
Standerton, Econovet
Sheep: 1
Western Cape
Beaufort West, Beaufort West State Vet
Goat: 1

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

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Goat: 1

Free State

Hoopstad, Hoopstad Dierekliniék

Beef: 2, Sheep: 2

Vrede, Vrede Dierehospitaal

Beef: 1

Scab mites



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

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

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

Standerton, Econovet

Sheep: 1

North West

Vryburg, Vryburg Dierehospitaal

Sheep: 3

Free State

Hoopstad, Hoopstad Dierekliniék

Sheep: 1

Villiers, Wilgepoort Dierekliniék Vennootskap

Sheep: 2

Western Cape

Heidelberg (WC), Heidelberg Dierekliniék

Sheep: 1

Northern Cape

De Aar, De Aar Veterinary Clinic

Sheep: 2

Britstown area

Mange Mites



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.0 (1)	2.5 (2)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.5 (2)
Goat	1.0 (1)

Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Goat: 1									
<i>Sarcoptes</i>									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3									
Reitz, Riemland Dierekliniek									
Beef: 2									

Nuisance Flies									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (5)		1.0 (1)	3.0 (3)	2.8 (10)	2.7 (7)	2.0 (1)	2.0 (6)	

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

Beef	3.0 (2)		1.0 (1)	3.0 (2)	2.7 (6)	2.8 (4)	2.0 (1)	2.0 (3)	
Dairy	3.0 (1)					3.0 (1)		2.5 (2)	
Sheep	3.0 (1)			3.0 (1)	3.0 (4)	3.0 (1)		1.0 (1)	
Goat	3.0 (1)					2.0 (1)			

Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3, Dairy: 3, Goat: 3									
Standerton, Econovet									
Beef: 3, Sheep: 3									
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 1									
North West									
Stella, Stella Dierekliniek									
Beef: 3, Sheep: 3									
Vryburg, Vryburg Dierehospitaal									
Beef: 3									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 2									
Dewetsdorp, Platkop Dierekliniek									
Beef: 2, Sheep: 3									
Ficksburg, Oos Vrystaat Diere Produkte									
Beef: 3									
General									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3, Sheep: 3									

Trompsburg, Dr. Wyn Irwin
Beef: 3, Sheep: 3
Winburg, Winburg Dierekliniek
Beef: 3, Sheep: 3
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 3
Mooi River, Mooirivier Vet Clinic
Beef: 3, Dairy: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2
Underberg, Underberg Veterinary Surgery
Beef: 3, Sheep: 3
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 2
Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 3
Malmesbury, Dr Otto Kriek
Dairy: 2
Oudtshoorn, Ostrimed
Beef: 1, Sheep: 1
Oudtshoorn, Oudtshoorn Dierekliniek
Beef: 2
Swellendam, Swellendam Dierehospitaal
Beef: 3

Blowflies										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.0 (1)	1.0 (2)		1.9 (9)	2.0 (1)		2.0 (2)	

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

Beef		1.0 (1)	1.0 (1)		1.7 (3)	2.0 (1)			
Dairy					2.0 (1)				
Sheep	1.0 (1)		1.0 (1)		2.0 (5)			2.0 (2)	

Mpumalanga
Standerton, Econovet
Sheep: 1
Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 1
Limpopo
Mokopane, Dr Henk Visser
Beef: 1, Sheep: 1
Free State
Clocolan, Clocolan Dierekliniek
Beef: 1, Sheep: 2
Dewetsdorp, Platkop Dierekliniek
Beef: 2, Sheep: 2

Gariepdam, Gariep Dierekliniek
Sheep: 1
Harrismith, Harrismith Dierehospitaal
Beef: 2, Dairy: 2
Trompsburg, Dr. Wyn Irwin
Sheep: 2
Winburg, Winburg Dierekliniek
Sheep: 3
Kwazulu-Natal
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 2
Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
Sheep: 3
Oudtshoorn, Ostrimed
Sheep: 1

Screw-worm										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	3.0 (1)		1.0 (2)			2.0 (2)			
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

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

Mpumalanga
Nelspruit, Nelspruit Animal Hospital
Beef: 3
Limpopo
Mokopane, Dr Henk Visser
Beef: 1, Sheep: 1
Kwazulu-Natal
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2

Nasal bot larvae										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average		2.0 (1)			2.3 (4)	2.3 (3)			
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep		2.0 (1)			2.3 (4)	2.5 (2)			
Goat						2.0 (1)			

Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
Sheep: 2
Free State

Ficksburg, Oos Vrystaat Diere Produkte
Sheep: 3
General
Reitz, Riemland Dierekliniek
Sheep: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Sheep: 2
Vrede, Vrede Dierehospitaal
Sheep: 2
Kwazulu-Natal
Howick, Howick Veterinary Clinic
Sheep: 2
Kokstad, E.G.Veterinary Services
Sheep: 3
Mtubatuba, Mtubatuba Animal Clinic
Goat: 2

Midges ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.6 (5)	2.0 (1)		3.0 (1)	2.0 (2)	2.0 (2)		3.0 (1)	

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

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

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1, Sheep: 1
Nelspruit, Nelspruit Animal Hospital
Beef: 2, Dairy: 2, Goat: 2
Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
Sheep: 2
North West
Brits, Brits Dierekliniek
Sheep: 3
Free State
Memel, Memel Veterinary Clinic
Beef: 2, Sheep: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Mooi River, Mooirivier Vet Clinic
Sheep: 2
Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 3

Mosquitoes ^

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

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

Beef						2.0 (1)			
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Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Itch mite

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

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

Sheep					1.0 (1)				
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Free State

Bloemfontein, Dr Stephan Wessels

Sheep: 1

Tick-borne Diseases

African red water

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.1 (8)	2.5 (2)	2.0 (2)	2.0 (1)	1.8 (6)	2.3 (16)	2.3 (4)	2.1 (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	2.0 (7)	2.5 (2)	2.0 (2)	2.0 (1)	1.8 (6)	2.3 (12)	2.0 (3)	1.8 (4)	
Dairy	3.0 (1)					2.3 (4)	3.0 (1)	2.7 (3)	

Mpumalanga

Bethal, Bethal Dierekliniek

Beef: 1

Delmas, Dr Johan Jooste

Dairy: 3

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Middelburg, Middelburg Dierehospitaal

Beef: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Standerton, Econovet

Beef: 3

Standerton, Standerton Dierehospitaal

Beef: 2
Volksrust, Cape Cross Volksrust Dierehospitaal
Beef: 1
Gauteng
Nigel, Welgelegen Dierekliniek
Beef: 3
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Beef: 2
Five cases
Limpopo
Makhado, Blouberg Dierekliniek
Beef: 2
Mokopane, Dr Henk Visser
Beef: 2
North West
Magaliesburg, Magaliesburg; Dr Ryan Jeffrey
Beef: 2
Free State
Clocolan, Clocolan Dierekliniek
Beef: 1
Frankfort, Frankfort Dierekliniek
Beef: 2
Harrismith, Harrismith Dierehospitaal
Beef: 2
Kroonstad, Kroonstad Dierehospitaal
Beef: 1
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 3
Vrede, Vrede Dierehospitaal
Beef: 2
Vaccine not available
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Bergville, Tugela Vet Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 2
Estcourt, Estcourt Vet Clinic
Beef: 2, Dairy: 2
Howick, Howick Veterinary Clinic
Beef: 3, Dairy: 3
Kokstad, E.G.Veterinary Services
Beef: 2, Dairy: 2
Mooi River, Mooirivier Vet Clinic
Beef: 2, Dairy: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Newcastle, Ncanduvet Newcastle
Beef: 3
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3
Underberg, Underberg Veterinary Surgery
Beef: 3

As usual a surge in tick population, and endemic instability; vaccine shortage

Vryheid, Dr GH Theron

Beef: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 1

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 3

Queenstown, Queenstown Veterinary clinic

Beef: 3

Uitenhage, Uitenhage Dierehospitaal

Beef: 2

Western Cape

Caledon, Overberg Veterinary Hospital

Beef: 1

George, George Animal Hospital

Beef: 3, Dairy: 3

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Malmesbury, Bergzicht Dierehospitaal

Beef: 2

Plettenberg Bay, Plettenberg Bay A Reitz

Beef: 1

Red water calf out of a herd of 30

Riversdale, Riversdal Dierekliniek

Dairy: 3

Asiatic red water

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.4 (9)	3.0 (2)	2.0 (1)	2.0 (1)	2.8 (5)	1.8 (13)	2.0 (5)	2.8 (6)	

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

Beef	2.4 (9)	3.0 (2)	2.0 (1)	2.0 (1)	2.8 (5)	1.7 (10)	2.0 (4)	2.7 (3)	
Dairy						2.0 (3)	2.0 (1)	3.0 (3)	

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Bethal, Bethal Dierekliniek

Beef: 2

Lydenburg, Lydenburg Dieresprekkamer

Beef: 2

Middelburg, Middelburg Dierehospitaal

Beef: 3

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Piet Retief, Pets Vet Hospital

Beef: 2

Standerton, Econovet

Beef: 3

Standerton, Standerton Dierehospitaal

Beef: 3
Volksrust, Cape Cross Volksrust Dierehospitaal
Beef: 3
Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 3
Nigel, Welgelegen Dierekliniek
Beef: 3
Limpopo
Makhado, Blouberg Dierekliniek
Beef: 2
North West
Magaliesburg, Magaliesburg; Dr Ryan Jeffrey
Beef: 2
Free State
Frankfort, Frankfort Dierekliniek
Beef: 2
Harrismith, Harrismith Dierehospitaal
Beef: 3
Memel, Memel Veterinary Clinic
Beef: 3
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 3
Vrede, Vrede Dierehospitaal
Beef: 3
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Bergville, Tugela Vet Clinic
Beef: 2
Camperdown, Camperdown Vet Clinic
Beef: 1
Estcourt, Estcourt Vet Clinic
Dairy: 2
Howick, Howick Veterinary Clinic
Dairy: 2
Kokstad, E.G.Veterinary Services
Beef: 2, Dairy: 2
Mooi River, Mooirivier Vet Clinic
Beef: 3
Multiple farm outbreaks. Asiatic red water distribution appears to be moving further up the Kamberg
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Newcastle, Ncanduvet Newcastle
Beef: 1
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 1
Underberg, Underberg Veterinary Surgery
Beef: 2
As usual a surge in tick population, and endemic instability; vaccine shortage
Vryheid, Dr GH Theron
Beef: 1
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer

Beef: 1
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2
Port Alfred, Port Alfred Veterinary Clinic
Beef: 2
Bathurst, 3 cases
Queenstown, Queenstown Veterinary clinic
Beef: 2
Stutterheim, Stutterheim Veterinary Clinic
Beef: 3
Western Cape
George, George Animal Hospital
Beef: 3, Dairy: 3
Oudtshoorn, Ostrimed
Beef: 3
Oudtshoorn, Oudtshoorn Dierekliniek
Beef: 2
Riversdale, Riversdal Dierekliniek
Dairy: 3
Swellendam, Swellendam Dierehospitaal
Dairy: 3
Late summer and autumn - severe outbreaks.

Anaplasmosis									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.2 (6)		2.0 (1)	1.6 (7)	2.1 (18)	2.2 (6)	2.5 (4)	2.0 (8)	

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

Beef	2.0 (5)		2.0 (1)	1.6 (7)	2.2 (16)	2.3 (4)	2.0 (2)	1.8 (4)	
Dairy	3.0 (1)				1.0 (2)	2.0 (2)	3.0 (2)	2.3 (4)	

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Grootvlei, Grootvlei Dierekliniek
Beef: 2
Nelspruit, Nelspruit Animal Hospital
Dairy: 3
Piet Retief, Pets Vet Hospital
Beef: 2
Standerton, Econovet
Beef: 2
Standerton, Standerton Dierehospitaal
Beef: 3
Limpopo
Makhado, Blouberg Dierekliniek
Beef: 2
North West
Christiana, Christiana Dierehospitaal

Beef: 3
Klerksdorp, Klerksdorp Dierehospitaal
Beef: 1
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 2
Lichtenburg, Silver Cross veterinary Herd Health
Beef: 1
Magaliesburg, Magaliesburg; Dr Ryan Jeffrey
Beef: 2
Rustenburg, Protea Dierekliniek
Beef: 1
Ventersdorp, Buffelsvlei Dierekliniek
Beef: 1
Free State
Bethlehem, Bethlehem Animal Hospital
Beef: 2
Bethlehem, Bethlehem State Vet
Beef: 2
Bethlehem, Henk Basson
Beef: 2
Bloemfontein, Dr Stephan Wessels
Beef: 2
Bothaville, Cape Cross Bothaville Veterinary Hospital
Dairy: 1
Clocolan, Clocolan Dierekliniek
Beef: 3
Dewetsdorp, Platkop Dierekliniek
Beef: 2
Ficksburg, Oos Vrystaat Diere Produkte
Beef: 2, Dairy: 1
Harrismith, Harrismith Dierehospitaal
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 2
Memel, Memel Veterinary Clinic
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 2
Trompsburg, Dr. Wyn Irwin
Beef: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2
Vrede, Vrede Dierehospitaal
Beef: 3
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Estcourt, Estcourt Vet Clinic
Dairy: 2
Howick, Howick Veterinary Clinic

Beef: 2, Dairy: 2
Kokstad, E.G.Veterinary Services
Beef: 2
Underberg, Underberg Veterinary Surgery
Beef: 3
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 2
Alexandria, Dr Thys (MJ) Potgieter
Dairy: 3
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 3
Queenstown, Queenstown Veterinary clinic
Beef: 2
Western Cape
Darling, Darling Dierekliniek
Beef: 2
George, George Animal Hospital
Dairy: 3
Malmesbury, Dr Otto Kriek
Beef: 2
Malmesbury, Invitrotech
Dairy: 2
Six cases out of 4 000 adult cattle.
Oudtshoorn, Oudtshoorn Dierekliniek
Beef: 1
Riversdale, Riversdal Dierekliniek
Dairy: 2
Stellenbosch, Stellenbosch Animal Hospital
Dairy: 2
Vredenburg, Vredenburg Dierehospitaal
Beef: 2

Heartwater									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)	2.0 (5)	2.7 (7)	2.2 (5)		1.8 (15)	2.0 (8)	1.0 (1)	

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

Beef		2.0 (1)	3.0 (3)	2.2 (5)		1.9 (8)	1.7 (3)		
Dairy							2.5 (2)		
Sheep		2.0 (2)	2.0 (2)			1.7 (3)	2.0 (1)		
Goat	3.0 (1)	2.0 (2)	3.0 (2)			1.8 (4)	2.0 (2)	1.0 (1)	

Mpumalanga
Nelspruit, Nelspruit Animal Hospital
Goat: 3
Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 2, Goat: 2
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 3

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 1, Goat: 2

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3

Modimolle, Kranskop Dierekliniek

Sheep: 1

Mokopane, Dr Henk Visser

Beef: 3, Goat: 3

Polokwane, Pietersburg Veterinary Clinic

Beef: 3, Sheep: 3, Goat: 3

North West

Brits, Brits Dierekliniek

Beef: 2

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Lichtenburg, Silver Cross veterinary Herd Health

Beef: 2

Rustenburg, Protea Dierekliniek

Beef: 2

Stella, Stella Dierekliniek

Beef: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Camperdown, Camperdown Vet Clinic

Beef: 1

Dundee, Endumeni Herd health

Beef: 2, Sheep: 2, Goat: 1

Eshowe, Eshowe Veterinary Hospital

Beef: 2

Per-acute heartwater

Mtubatuba, Mtubatuba Animal Clinic

Beef: 3, Goat: 3

Pietermaritzburg, Richmond Veterinay Clinic

Beef: 2

Pongola, Pongola Animal Clinic

Beef: 1, Sheep: 1, Goat: 1

Vryheid, Dr GH Theron

Beef: 2, Sheep: 2, Goat: 2

Eastern Cape

Alexandria, Dr Thys (MJ) Potgieter

Dairy: 3

Bathurst, Dr Jane Pistorius

Goat: 2

Seven cases

Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 2

Fort Beaufort, Grahamstown

Humansdorp, Humansdorp Veterinary Clinic

Beef: 1

One farm

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 2

Port Alfred, Port Alfred Veterinary Clinic									
Beef: 2									
Shaw Park, 2 cases									
Sheep: 2									
Shaw Park, 2 cases									
Uitenhage, Uitenhage Dierehospitaal									
Beef: 2									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Goat: 1									
Sweating Sickness									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			2.0 (3)	2.3 (7)	2.0 (2)	1.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef			2.0 (3)	2.3 (7)	2.0 (2)	1.0 (1)			
Limpopo									
Makhado, Blouberg Dierekliniek									
Beef: 2									
Modimolle, Kranskop Dierekliniek									
Beef: 3									
Calves on numerous farms									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 1									
North West									
Brits, Brits Dierekliniek									
Beef: 2									
Christiana, Christiana Dierehospitaal									
Beef: 3									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 3									
Lichtenburg, Dr CM Kruger-Rall									
Beef: 1									
Lichtenburg, Silver Cross veterinary Herd Health									
Beef: 1									
Stella, Stella Dierekliniek									
Beef: 3									
Vryburg, Vryburg Dierehospitaal									
Beef: 3									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 2									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Pongola, Pongola Animal Clinic									
Beef: 1									
Corridor disease									^

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

Beef						2.0 (1)			
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Kwazulu-Natal

Pongola, Pongola Animal Clinic

Beef: 2

Endemic

Insect Transmittable Diseases

Lumpy skin disease

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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.7 (3)	3.0 (1)	1.0 (2)	2.3 (4)	1.7 (10)	1.8 (5)			
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.7 (3)	3.0 (1)	1.0 (2)	2.3 (4)	1.7 (9)	1.8 (5)			
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Dairy					2.0 (1)				
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Mpumalanga

Lydenburg, Lydenburg Dieresprekkamer

Beef: 1

Middelburg, Middelburg Dierehospitaal

Beef: 2

Standerton, Econovet

Beef: 2

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 3

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 1

Polokwane, Pietersburg Veterinary Clinic

Beef: 1

North West

Brits, Brits Dierekliniek

Beef: 3

Lichtenburg, Dr CM Kruger-Rall

Beef: 2

Rustenburg, Protea Dierekliniek

Beef: 1

Stella, Stella Dierekliniek

Beef: 3

Free State

Bethlehem, Bethlehem State Vet

Beef: 1
Bloemfontein, Dr Stephan Wessels
Beef: 1
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 2
Dewetsdorp, Platkop Dierekliniek
Beef: 1
Ficksburg, Oos Vrystaat Diere Produkte
Beef: 1
Nine young bulls, they were vaccinated in September with OBP vaccine
Harrismith, Harrismith Dierehospitaal
Beef: 2, Dairy: 2
Memel, Memel Veterinary Clinic
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 3
Vrede, Vrede Dierehospitaal
Beef: 2
Kwazulu-Natal
Eshowe, Eshowe Veterinary Hospital
Beef: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Pongola, Pongola Animal Clinic
Beef: 1
Underberg, Underberg Veterinary Surgery
Beef: 2
Vryheid, Dr GH Theron
Beef: 2

Farmers reported numerous lumpy skin disease cases.

Three-day-stiffsickness [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (4)	2.0 (1)	2.0 (2)	2.0 (1)	2.0 (4)	1.9 (9)			3.0 (2)

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

Beef	2.0 (4)	2.0 (1)	2.0 (2)	2.0 (1)	2.0 (4)	1.9 (7)			3.0 (2)
Dairy						2.0 (2)			

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Nelspruit, Nelspruit Animal Hospital
Beef: 2
Standerton, Standerton Dierehospitaal
Beef: 2
Volkstrust, Cape Cross Volkstrust Dierehospitaal
Beef: 3
Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 2

Limpopo									
Makhado, Blouberg Dierekliniek									
Beef: 2									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 2									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 2									
Free State									
Harrismith, Harrismith Dierehospitaal									
Beef: 2									
Memel, Memel Veterinary Clinic									
Beef: 2									
Reitz, Riemland Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Bergville, Tugela Vet Clinic									
Beef: 1									
Dundee, Endumeni Herd health									
Dairy: 2									
Eshowe, Eshowe Veterinary Hospital									
Beef: 2									
Estcourt, Estcourt Vet Clinic									
Dairy: 2									
Kokstad, E.G.Veterinary Services									
Beef: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Underberg, Underberg Veterinary Surgery									
Beef: 1									
Vryheid, Dr GH Theron									
Beef: 3									
Farmers reported numerous three-day-stiffsickness cases.									
Northern Cape									
Kimberley, Kimberley Dierekliniek									
Beef: 3									
Upington, Upington Veterinary Clinic									
Beef: 3									
At abattoir numerous lymphnodes of carcasses enlarged, suspect sub-clinical three day stiffsickness.									
Blue tongue									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (4)	2.0 (1)		2.3 (3)	1.4 (8)	2.4 (5)	2.5 (2)	1.8 (8)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep	1.5 (4)	2.0 (1)		2.3 (3)	1.4 (8)	2.4 (5)	2.5 (2)	1.8 (8)	

Mpumalanga
Balfour, Balfour Dierekliniek
Sheep: 1
Delmas, Dr Johan Jooste
Sheep: 1
Middelburg , Middelburg Dierehospitaal
Sheep: 2
Volksrust, Cape Cross Volksrust Dierehospitaal
Sheep: 2
Gauteng
Muldersdrift, Muldersdrift Animal Hospital
Sheep: 2
Chartwell
North West
Brits, Brits Dierekliniek
Sheep: 3
Lichtenburg, Dr CM Kruger-Rall
Sheep: 3
Blue tongue on two farms
Rustenburg, Protea Dierekliniek
Sheep: 1
Free State
Bethlehem, Bethlehem Animal Hospital
Sheep: 1
Bethlehem, Henk Basson
Sheep: 2
Bloemfontein, Dr Stephan Wessels
Sheep: 1
Clocolan, Clocolan Dierekliniek
Sheep: 1
Ficksburg, Oos Vrystaat Diere Produkte
Sheep: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek
Sheep: 1
Memel, Memel Veterinary Clinic
Sheep: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Sheep: 1
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Sheep: 1
Kokstad, E.G.Veterinary Services
Sheep: 3
Mooi River, Mooirivier Vet Clinic
Sheep: 3
Multiple cases across 2 farms
Newcastle, Ncanduvet Newcastle
Sheep: 2
Underberg, Underberg Veterinary Surgery
Sheep: 3
Eastern Cape
Cradock, Cradock Veterinary Clinic
Sheep: 3
General

Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 2
Western Cape
Beaufort West, Beaufort West State Vet
Sheep: 1
Caledon, Overberg Veterinary Hospital
Sheep: 2
Heidelberg (WC), Heidelberg Dierekliniek
Sheep: 1
Oudtshoorn, Ostrimed
Sheep: 3
Northern Cape
Piketberg, Piketberg Dierehospitaal
Sheep: 1
One farm with blue tongue.
Stellenbosch, Stellenbosch Animal Hospital
Sheep: 1
Vredenburg, Vredenburg Dierehospitaal
Sheep: 2
Two farms
Wellington, Wellington Dierehospitaal
Sheep: 3

Venereal Diseases

Trichomonosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.5 (2)	1.0 (1)		2.3 (4)	2.4 (5)	1.5 (2)			

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

Beef	2.5 (2)	1.0 (1)		2.3 (4)	2.4 (5)	1.5 (2)			
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Mpumalanga
Standerton, Econovet
Beef: 2
New farm
Standerton, Standerton Dierehospitaal
Beef: 3
Gauteng
Centurion, Deltamune
Beef: 1
Queenstown
North West
Klerksdorp, Klerksdorp Dierehospitaal
Beef: 1
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3
Lichtenburg, Silver Cross veterinary Herd Health
Beef: 2
Disease on the increase
Vryburg, Vryburg Dierehospitaal

Beef: 3
Free State
Bethlehem, Henk Basson
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 3
Vrede, Vrede Dierehospitaal
Beef: 2
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Bergville, Tugela Vet Clinic
Beef: 1

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

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

Beef				3.0 (1)	1.0 (1)		1.0 (1)		
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North West
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3
Free State
Hoopstad, Hoopstad Dierekliniek
Beef: 1
Eastern Cape
Queenstown, Queenstown Veterinary clinic
Beef: 1

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

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

Sheep	1.0 (1)						1.0 (1)		
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Mpumalanga
Balfour, Balfour Dierekliniek
Sheep: 1
Eastern Cape
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 1

Bacterial Disease (other)

Blackquarter									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.1 (7)	1.0 (1)	3.0 (1)	2.0 (4)	1.8 (8)	1.8 (4)	2.0 (2)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.2 (5)	1.0 (1)	3.0 (1)	2.0 (4)	1.9 (7)	2.0 (2)	2.0 (2)		
Dairy						1.5 (2)			
Sheep	2.0 (2)				1.0 (1)				

Mpumalanga
Lydenburg, Lydenburg Dieresprekkamer
Beef: 2
Piet Retief, Pets Vet Hospital
Beef: 2
Standerton, Econovet
Beef: 3, Sheep: 3
Standerton, Standerton Dierehospitaal
Beef: 3
Volkswest, Cape Cross Volkswest Dierehospitaal
Beef: 1, Sheep: 1
Gauteng
Pretoria, Anima Veterinary Consulting Rooms
Beef: 1
Limpopo
Polokwane, Pietersburg Veterinary Clinic
Beef: 3
North West
Brits, Brits Dierekliniek
Beef: 2
Klerksdorp, Klerksdorp Dierehospitaal
Beef: 2
Lichtenburg, Dr CM Kruger-Rall
Beef: 1
Three calves - Wonderfontein
Stella, Stella Dierekliniek
Beef: 3
Free State
Harrismith, Harrismith Dierehospitaal
Beef: 2
Memel, Memel Veterinary Clinic
Sheep: 1
Reitz, Riemland Dierekliniek
Beef: 2
Trompsburg, Dr. Wyn Irwin
Beef: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 1
Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2
Vrede, Vrede Dierehospitaal
Beef: 2
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Dundee, Endumeni Herd health
Dairy: 1
Howick, Howick Veterinary Clinic
Dairy: 2
Newcastle, Ncanduvet Newcastle
Beef: 2
Underberg, Underberg Veterinary Surgery
Beef: 2
Eastern Cape
Aliwal North, Hertzogbrug Dierekliniek
Beef: 2
Queenstown, Queenstown Veterinary clinic
Beef: 2

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

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

Beef	2.0 (1)			2.0 (1)					
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Mpumalanga
Standerton, Standerton Dierehospitaal
Beef: 2
North West
Christiana, Christiana Dierehospitaal
Beef: 2

Pulpy Kidney										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)	2.0 (1)	2.0 (2)	1.0 (2)	1.9 (8)	2.0 (2)	2.0 (2)	1.3 (3)	

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

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

Mpumalanga
Nelspruit, Nelspruit Animal Hospital
Sheep: 1
Volksrust, Cape Cross Volksrust Dierehospitaal
Sheep: 2
Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek
Sheep: 2
Limpopo
Polokwane, Pietersburg Veterinary Clinic
Sheep: 2, Goat: 2
North West
Christiana, Christiana Dierehospitaal
Sheep: 1
Lichtenburg, Silver Cross veterinary Herd Health
Sheep: 1
Free State
Bultfontein, Greylingrust Dierespreekkamer
Sheep: 2
Clocolan, Clocolan Dierekliniek
Sheep: 2
Harrismith, Harrismith Dierehospitaal
Sheep: 2
Hoopstad, Hoopstad Dierekliniek
Sheep: 1
Kroonstad, Kroonstad Dierehospitaal
Sheep: 2
Reitz, Riemland Dierekliniek
Sheep: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Sheep: 2
Wesselsbron, Wesselsbron Dierekliniek
Sheep: 2
Kwazulu-Natal
Kokstad, E.G.Veterinary Services
Sheep: 2
Vryheid, Dr GH Theron
Sheep: 2
Eastern Cape
Cradock, Cradock Veterinary Clinic
Sheep: 3
Graaff-Reinet, Camdeboo Veterinary Clinic
Sheep: 1
Western Cape
Beaufort West, Beaufort West State Vet
Sheep: 1
Caledon, Overberg Veterinary Hospital
Sheep: 2
Oudtshoorn, Ostrimed
Sheep: 1

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

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

Sheep									
2.0 (1)									
Free State									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Swelled head disease									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	2.0 (1)			2.0 (3)	1.0 (1)	2.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)	2.0 (1)			2.0 (3)	1.0 (1)			
Goat							2.0 (1)		

Mpumalanga									
Standerton, Standerton Dierehospitaal									
Beef: 1									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Free State									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 2									
Trompsburg, Dr. Wyn Irwin									
Beef: 2									
Vrede, Saulshoek Dierepraktyk									
Beef: 2									
Kwazulu-Natal									
Newcastle, Ncanduvet Newcastle									
Beef: 1									
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Goat: 2									

Red gut (cattle)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				2.0 (4)	1.5 (2)	2.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)				2.0 (4)		2.0 (1)		
Dairy						1.5 (2)			

Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Beef: 1									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 1									

Kroonstad, Kroonstad Dierehospitaal
Beef: 3
Reitz, Riemland Dierekliniek
Beef: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2
Kwazulu-Natal
Dundee, Endumeni Herd health
Dairy: 1
Howick, Howick Veterinary Clinic
Dairy: 2
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 2

Blood gut (Sheep)										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.0 (2)	1.5 (2)		1.0 (3)	1.0 (1)	

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

Sheep				1.0 (2)	1.5 (2)		1.0 (2)	1.0 (1)	
Goat							1.0 (1)		

North West
Lichtenburg, Silver Cross veterinary Herd Health
Sheep: 1
Ventersdorp, Buffelsvlei Dierekliniek
Sheep: 1
Free State
Dewetsdorp, Platkop Dierekliniek
Sheep: 2
Memel, Memel Veterinary Clinic
Sheep: 1
Eastern Cape
Graaff-Reinet, Camdeboo Veterinary Clinic
Sheep: 1, Goat: 1
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 1
Western Cape
Wellington, Wellington Dierehospitaal
Sheep: 1
Lambs

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

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

	reported								
Sheep	1.0 (1)							1.0 (1)	
Goat						1.0 (1)			

Mpumalanga									
Volksrust, Cape Cross Volksrust Dierehospitaal									
Sheep: 1									
Kwazulu-Natal									
Newcastle, Ncanduvet Newcastle									
Goat: 1									
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 1									

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

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

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

Mpumalanga									
Bethal, Bethal Dierekliniek									
Dairy: 1									
Free State									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 1									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 1									
Mooi River, Mooirivier Vet Clinic									
Beef: 2									
Dairy calves bought by people in township									
Newcastle, Ncanduvet Newcastle									
Beef: 1									
Eastern Cape									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 2									
Western Cape									
Swellendam, Swellendam Dierehospitaal									
Beef: 1									

Samonellosis in calves - outbreak and deaths in 2 month old calves. No diarrhoea but increased respiration and septicemia.

Brucella abortus									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (5)		1.5 (2)	2.7 (3)	2.3 (6)	1.0 (1)			

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

Beef	1.8 (5)	1.5 (2)	2.7 (3)	2.3 (6)	1.0 (1)					
Mpumalanga										
Balfour, Balfour Dierekliniek										
Beef: 1										
Lydenburg, Lydenburg Dieresprekkamer										
Beef: 1										
Standerton, Econovet										
Beef: 2										
New farm										
Standerton, Standerton Dierehospitaal										
Beef: 2										
Volksrust, Cape Cross Volksrust Dierehospitaal										
Beef: 3										
Limpopo										
Mokopane, Dr Henk Visser										
Beef: 1										
Polokwane, Pietersburg Veterinary Clinic										
Beef: 2										
North West										
Christiana, Christiana Dierehospitaal										
Beef: 2										
Lichtenburg, Dr CM Kruger-Rall										
Beef: 3										
102 positive cases										
Stella, Stella Dierekliniek										
Beef: 3										
Free State										
Bethlehem, Bethlehem State Vet										
Beef: 3										
Stil a huge problem in my area, farmers are not testing their animals. If there are positive animals, proper control measures are not followed.										
Dewetsdorp, Platkop Dierekliniek										
Beef: 2										
Harrismith, Harrismith Dierehospitaal										
Beef: 1										
Hoopstad, Hoopstad Dierekliniek										
Beef: 3										
Ladybrand, Ladybrand / Excelsior Dierekliniek										
Beef: 2										
Villiers, Wilgepoort Dierekliniek Vennootskap										
Beef: 3										
Kwazulu-Natal										
Pietermaritzburg, Richmond Veterinay Clinic										
Beef: 1										
Bought in animals										
Brucella ovis										^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	

Average	1.0 (2)	1.7 (3)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep	1.0 (2)	1.7 (3)
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Free State

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 1

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Northern Cape

Calvinia, Calvinia Veeartskliniek

Sheep: 2

De Aar, De Aar Veterinary Clinic

Sheep: 2

Two flocks: Meatmasters in Carnarvon and Merino's in De Aar.

Kimberley, Legalvet Services

Sheep: 1

Bovine Tuberculosis



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

1.0 (1)

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

Beef	1.0 (1)
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Kwazulu-Natal

Pietermaritzburg, Richmond Veterinay Clinic

Beef: 1

One herd, cultures so far negative

Johne`s disease



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

1.0 (1)

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

Sheep	1.0 (1)
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Kwazulu-Natal

Mooi River, Mooirivier Vet Clinic

Sheep: 1

Septicemia



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

Dairy	2.0 (1)
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Western Cape

George, George Animal Hospital

Dairy: 2

E. coli

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)			3.0 (7)	2.5 (4)	2.2 (5)		2.7 (3)	

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

Beef	1.5 (2)			3.0 (5)	2.5 (2)	2.0 (2)		3.0 (1)	
Dairy						2.3 (3)		2.5 (2)	
Sheep	2.0 (1)			3.0 (2)	2.5 (2)				

Mpumalanga

Standerton, Econovet

Beef: 2, Sheep: 2

Standerton, Standerton Dierehospitaal

Beef: 1

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 3, Sheep: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Calves

Sheep: 3

Lambs

Stella, Stella Dierekliniek

Beef: 3

Ventersdorp, Buffelsvlei Dierekliniek

Beef: 3

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State

Clocolan, Clocolan Dierekliniek

Beef: 3, Sheep: 3

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 2

Parys, Parys Dierekliniek

Sheep: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Estcourt, Estcourt Vet Clinic

Dairy: 2

Howick, Howick Veterinary Clinic

Dairy: 2
Mooi River, Mooirivier Vet Clinic
Dairy: 3
Calf scours - resistant to multiple drugs
Vryheid, Dr GH Theron
Beef: 2
Western Cape
George, George Animal Hospital
Dairy: 3
Malmesbury, Dr Otto Kriek
Beef: 3
Riversdale, Riversdal Dierekliniek
Dairy: 2

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

Sheep	3.0 (1)			3.0 (1)					
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Mpumalanga
Delmas, Dr Johan Jooste
Sheep: 3
North West
Vryburg, Vryburg Dierehospitaal
Sheep: 3

Bovine Dermatophilosis (Senkobo disease)									
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	2.0 (1)					2.0 (1)			
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (1)					2.0 (1)			
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Mpumalanga
Nelspruit, Nelspruit Animal Hospital
Beef: 2
Kwazulu-Natal
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2

<i>Fusibacterium necrophorum</i>									
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average					1.0 (1)				
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)								
Free State									
Reitz, Riemland Dierekliniek									
Beef: 1									
Other									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average							1.0 (1)	2.0 (1)	

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

Dairy	2.0 (1)								
Sheep	1.0 (1)								
Eastern Cape									
Port Alfred, Port Alfred Veterinary Clinic									
Sheep: 1									
Bacterial stomatitis, Shaw Park, one case									
Western Cape									
Piketberg, Piketberg Dierehospitaal									
Dairy: 2									
Lumpy jaw in dairy cattle									

Protozoal diseases (other)

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

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

Beef	2.0 (1)								
Limpopo									
Makhado, Blouberg Dierekliniek									
Beef: 2									
Three cases - still to be confirmed									
Coccidiosis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (6)	2.5 (2)			2.3 (3)	2.3 (4)	2.3 (3)	2.0 (1)	

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

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

Mpumalanga

Middelburg , Middelburg Dierehospitaal

Sheep: 1

Nelspruit, Nelspruit Animal Hospital

Sheep: 2, Goat: 2

Piet Retief, Pets Vet Hospital

Beef: 1

Standerton, Econovet

Beef: 2, Sheep: 2

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

Nigel, Welgelegen Dierekliniek

Sheep: 3

Free State

Bloemfontein, Dr Stephan Wessels

Sheep: 3

Reitz, Riemland Dierekliniek

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Kwazulu-Natal

Eshowe, Eshowe Veterinary Hospital

Beef: 3

Calves

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Vryheid, Dr GH Theron

Sheep: 2

Eastern Cape

Bathurst, Dr Jane Pistorius

Goat: 2

Three cases

Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 2

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 3

Western Cape

Malmesbury, Bergzicht Dierehospitaal

Sheep: 2

Fungal diseases

Ringworm ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				2.5 (2)	1.8 (5)	2.5 (4)		1.0 (2)	

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

	reported			
Beef		2.5 (2)	1.8 (5)	2.5 (2)
Dairy			2.5 (2)	1.0 (1)
Sheep				1.0 (1)

North West									
Christiana, Christiana Dierehospitaal									
Beef: 3									
Vryburg, Vryburg Dierehospitaal									
Beef: 2									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 2									
Dewetsdorp, Platkop Dierekliniek									
Beef: 2									
Ficksburg, Oos Vrystaat Diere Produkte									
Beef: 1									
Harrismith, Harrismith Dierehospitaal									
Beef: 2									
Winburg, Winburg Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Dairy: 2									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 1									
Oudtshoorn, Ostrimed									
Sheep: 1									

Viral Diseases (other)

BMC (snotsiekte)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)		2.0 (1)	1.5 (2)	1.3 (6)		1.0 (1)		

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

Beef	1.5 (2)		2.0 (1)	1.5 (2)	1.3 (6)		1.0 (1)		
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Mpumalanga									
Bethal, Bethal Dierekliniek									
Beef: 1									
Grootvlei, Grootvlei Dierekliniek									
Beef: 2									
Limpopo									

Mokopane, Dr Henk Visser
Beef: 2
North West
Brits, Brits Dierekliniek
Beef: 1
Lichtenburg, Silver Cross veterinary Herd Health
Beef: 2
Free State
Ficksburg, Oos Vrystaat Diere Produkte
Beef: 1
Five cattle
Harrismith, Harrismith Dierehospitaal
Beef: 1
Hoopstad, Hoopstad Dierekliniek
Beef: 1
Kroonstad, Kroonstad Dierehospitaal
Beef: 2
Vrede, Vrede Dierehospitaal
Beef: 1
Winburg, Winburg Dierekliniek
Beef: 2
Eastern Cape
Queenstown, Queenstown Veterinary clinic
Beef: 1

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

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

Beef				3.0 (2)	2.0 (1)	2.0 (1)			
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North West
Stella, Stella Dierekliniek
Beef: 3
Jackals
Vryburg, Vryburg Dierehospitaal
Beef: 3
Free State
Dewetsdorp, Platkop Dierekliniek
Beef: 2
Kwazulu-Natal
Howick, Howick Veterinary Clinic
Beef: 2

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

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

Beef					1.0 (1)	3.0 (1)			
Free State									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 1									
Kwazulu-Natal									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									

IBR (Infectious bovine rhinotracheitis) ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			3.0 (1)		1.8 (4)	2.0 (4)			

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

Beef			3.0 (1)		1.8 (4)	2.0 (3)			
Dairy						2.0 (1)			

Limpopo									
Modimolle, Kranskop Dierekliniek									
Beef: 3									
20 heifers with viral pneumonia - most probably IBR									
Free State									
Memel, Memel Veterinary Clinic									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 1									
Vrede, Vrede Dierehospitaal									
Beef: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Beef: 2, Dairy: 2									
Kokstad, E.G.Veterinary Services									
Beef: 1									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									

Parainfluenza 3 (PI3) ^

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

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

Beef		2.0 (1)							
Gauteng									

Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Calves dying at age of 2-3 months - Viral pneumonia - Suspect PI3. No further deaths after vaccinating Bovishield									
Enzootic Bovine Leucosis (EBL)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)							2.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)								
Dairy								2.0 (2)	
Mpumalanga									
Bethal, Bethal Dierekliniek									
Beef: 1									
Western Cape									
Riversdale, Riversdal Dierekliniek									
Dairy: 3									
Stellenbosch, Stellenbosch Animal Hospital									
Dairy: 1									
Jaagsiekte									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						2.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep						2.0 (1)			
Kwazulu-Natal									
Kokstad, E.G.Veterinary Services									
Sheep: 2									
Orf									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)	2.0 (1)		1.3 (3)	2.0 (2)	2.7 (3)	2.0 (2)	2.5 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep		2.0 (1)		1.3 (3)	2.0 (2)	3.0 (2)	2.0 (2)	3.0 (1)	
Goat	1.5 (2)					2.0 (1)		2.0 (1)	
Mpumalanga									
Middelburg, Middelburg Dierehospitaal									
Goat: 1									
Nelspruit, Nelspruit Animal Hospital									

Goat: 2
Gauteng
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 2
North West
Christiana, Christiana Dierehospitaal
Sheep: 2
Klerksdorp, Buffeldoorn Dierehospitaal
Sheep: 1
Lichtenburg, Silver Cross veterinary Herd Health
Sheep: 1
Free State
Gariepdam, Gariep Dierekliniek
Sheep: 1
Hoopstad, Hoopstad Dierekliniek
Sheep: 3
Kwazulu-Natal
Howick, Howick Veterinary Clinic
Sheep: 3
Mtubatuba, Mtubatuba Animal Clinic
Goat: 2
Underberg, Underberg Veterinary Surgery
Sheep: 3
Eastern Cape
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 2
Port Alfred, Port Alfred Veterinary Clinic
Sheep: 2
Shaw Park, 2 cases
Western Cape
Beaufort West, Beaufort West State Vet
Goat: 2
Boerbok kids
George, George Animal Hospital
Sheep: 3

Warts									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)		1.0 (1)	1.0 (1)	1.8 (4)	2.2 (5)		1.3 (3)	

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

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

Mpumalanga
Grootvlei, Grootvlei Dierekliniek
Beef: 1
Standerton, Standerton Dierehospitaal
Beef: 3
Limpopo

Mokopane, Dr Henk Visser
Beef: 1
North West
Lichtenburg, Silver Cross veterinary Herd Health
Goat: 1
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 2
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 1
Clocolan, Clocolan Dierekliniek
Beef: 3
Wesselsbron, Wesselsbron Dierekliniek
Beef: 1
Kwazulu-Natal
Dundee, Endumeni Herd health
Beef: 2
Estcourt, Estcourt Vet Clinic
Beef: 2
Howick, Howick Veterinary Clinic
Beef: 3
Mooi River, Mooirivier Vet Clinic
Dairy: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Western Cape
George, George Animal Hospital
Beef: 2
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 1
Stellenbosch, Stellenbosch Animal Hospital
Beef: 1

Poisonings (Plant) and Fungal

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

North West
Klerksdorp, Buffeldoorn Dierehospitaal
Beef: 2
Five cows died of slangkop poisoning
Vryburg, Vryburg Dierehospitaal
Beef: 3
Western Cape
Beaufort West, Beaufort West State Vet

Sheep: 2

Drought

Cestrum ^

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

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

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 1

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 2

Two farms

Cynanchum poisoning ^

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

Beef							2.0 (1)		
Dairy							3.0 (1)		

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2

Alexandria, Dr Thys (MJ) Potgieter

Dairy: 3

One farm - one heifer; other farm 15 adult cows

Facial eczema ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average		1.0 (1)			3.0 (2)		3.0 (1)	2.7 (3)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					3.0 (1)				
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Dairy								3.0 (1)	3.0 (1)
Sheep		1.0 (1)			3.0 (1)				2.5 (2)

Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Sheep: 1									
Lambs grazing on Smutsvinger pasture!									
Free State									
Clocolan, Clocolan Dierekliniek									
Sheep: 3									
Kroonstad, Kroonstad Dierehospitaal									
Beef: 3									
Eastern Cape									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 3									
Western Cape									
George, George Animal Hospital									
Dairy: 3, Sheep: 3									
Heidelberg (WC), Heidelberg Dierekliniek									
Sheep: 2									

Geeldikkop/Dikoor									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.8 (4)				3.0 (1)

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

Sheep					2.8 (4)				3.0 (1)
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Free State									
Clocolan, Clocolan Dierekliniek									
Sheep: 3									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 3									
Kroonstad, Kroonstad Dierehospitaal									
Sheep: 2									
Phillipolis, Rowelsfontein veearts Spreekkamer									
Sheep: 3									
Up to 10% of flock affected in some flocks.									
Northern Cape									
Calvinia, Calvinia Veeartskliniek									
Sheep: 3									

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

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

Beef				1.0 (1)					
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North West									
Lichtenburg, Silver Cross veterinary Herd Health									
Beef: 1									
Gousiekte									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (1)		1.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef				3.0 (1)					
Sheep						1.0 (1)			
North West									
Lichtenburg, Dr CM Kruger-Rall									
Beef: 3									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Sheep: 1									
Kikuyu poisoning									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)	1.0 (1)	1.5 (2)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.0 (1)				
Dairy						1.0 (1)	1.5 (2)		
Free State									
Harrismith, Harrismith Dierehospitaal									
Beef: 1									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Dairy: 1									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 1									
One farm									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 2									
Lantana									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)		2.0 (1)			2.0 (2)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases									

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

Mpumalanga										
Nelspruit, Nelspruit Animal Hospital										
Sheep: 1										
Limpopo										
Polokwane, Pietersburg Veterinary Clinic										
Beef: 2										
Kwazulu-Natal										
Bergville, Tugela Vet Clinic										
Beef: 1										
Howick, Howick Veterinary Clinic										
Beef: 3										

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

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

Beef	2.0 (1)								
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Mpumalanga										
Lydenburg, Lydenburg Dieresprekkamer										
Beef: 2										
<i>Amaranthus toxicity</i>										

Prussic acid poisoning										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.0 (1)	2.0 (6)			2.0 (1)	

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

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

North West										
Lichtenburg, Silver Cross veterinary Herd Health										
Sheep: 1										
Free State										
Clocolan, Clocolan Dierkliniek										
Beef: 3, Sheep: 3										
Ficksburg, Oos Vrystaat Diere Produkte										
Sheep: 1										
17 Sheep died, fed with fresh vegetable left overs										
Trompsburg, Dr. Wyn Irwin										
Beef: 2, Sheep: 2										

Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 1									
Western Cape									
Malmesbury, Bergzicht Dierehospitaal									
Dairy: 2									
Suspected, <i>Eucalyptus</i> leaves.									
Seneciosis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (1)	2.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					2.0 (1)	2.0 (1)			
Free State									
Vrede, Saulshoek Dierepraktyk									
Beef: 2									
Kwazulu-Natal									
Kokstad, E.G.Veterinary Services									
Beef: 2									
Tulip Poisoning									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								1.0 (1)	3.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef									3.0 (1)
Sheep								1.0 (1)	
Western Cape									
Stellenbosch, Stellenbosch Animal Hospital									
Sheep: 1									
Northern Cape									
Kimberley, Kimberley Dierekliniek									
Beef: 3									
Vermeersiekte (<i>Gaigeria</i> spp.)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.5 (2)				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.0 (1)				
Sheep					2.0 (1)				

Free State									
Harrismith, Harrismith Dierehospitaal									
Beef: 1									
Vrede, Vrede Dierehospitaal									
Sheep: 2									

Mycotoxycosis									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average								2.7 (3)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

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

Western Cape									
George, George Animal Hospital									
Dairy: 3, Sheep: 3									
Malmesbury, Bergzicht Dierehospitaal									
Beef: 2									
<i>Aspergillus clavatus</i> tremorgenic toxicosis. Six animals fed hydroponically grown barley, five animals died.									

Other									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average					3.0 (1)	3.0 (1)	1.5 (2)	2.0 (1)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

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

Free State									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 3									
Photosensitivity - large outbreak, cause not confirmed.									
Kwazulu-Natal									
Vryheid, Dr GH Theron									
Beef: 3									
Unknown poisoning									
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Goat: 1									
Ganskweek- Fort Beaufort									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 2									
Ganskweek									
Western Cape									

Oudtshoorn, Ostrimed

Sheep: 2

Suspected onion toxicity in flock of sheep. Left over onions were consumed over night. Next morning sheep were severely bloated, shallow respiration and weakness. Dorper sheep were dosed with hypo and hypo dissolved in the drinking trough. Sheep recovered.

Poisonings**Water contamination**

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

3.0 (1)

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

Dairy

3.0 (1)

Western Cape**Malmesbury, Dr Otto Kriek**

Dairy: 3

Urea Poisoning

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

2.0 (1)

2.0 (2)

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

Beef

2.0 (1)

1.0 (1)

Sheep

3.0 (1)

North West**Vryburg, Vryburg Dierehospitaal**

Beef: 2

Free State**Trompsburg, Dr. Wyn Irwin**

Beef: 1

Winburg, Winburg Dierekliniek

Sheep: 3

Snake Bite

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

2.0 (1)

2.0 (4)

1.0 (1)

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

Beef

2.0 (1)

2.0 (4)

Dairy

1.0 (1)

North West

Vryburg, Vryburg Dierehospitaal									
Beef: 2									
Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 2									
Harrismith, Harrismith Dierehospitaal									
Beef: 1									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Dairy: 1									
Copper Poisoning									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average									2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep									2.0 (1)
Northern Cape									
De Aar, De Aar Veterinary Clinic									
Sheep: 2									
Yellow carcasses at abattoir									
Chemical products									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Dairy								1.0 (1)	
Western Cape									
Swellendam, Swellendam Dierehospitaal									
Dairy: 1									
Amitraz toxicity - overdose, drastic fall in milk production.									
Macro Nutritional Problems									
Energy deficiency									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (3)	1.5 (2)	3.0 (3)	3.0 (6)	2.7 (7)	3.0 (6)		1.0 (2)	2.0 (1)

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

Beef	3.0 (2)		3.0 (1)	3.0 (4)	2.6 (5)	3.0 (3)		1.0 (2)
Sheep	3.0 (1)	1.5 (2)	3.0 (1)	3.0 (2)	3.0 (2)	3.0 (1)		2.0 (1)
Goat			3.0 (1)			3.0 (2)		

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Standerton, Econovet

Beef: 3, Sheep: 3

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 1

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 3, Sheep: 3, Goat: 3

North West

Brits, Brits Dierekliniek

Beef: 3, Sheep: 3

Christiana, Christiana Dierehospitaal

Beef: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3, Sheep: 3

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State

Reitz, Riemland Dierekliniek

Beef: 2

Trompsburg, Dr. Wyn Irwin

Beef: 3, Sheep: 3

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3, Sheep: 3

Wesselsbron, Wesselsbron Dierekliniek

Beef: 2

Winburg, Winburg Dierekliniek

Beef: 3

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 3, Goat: 3

Pongola, Pongola Animal Clinic

Beef: 3, Sheep: 3, Goat: 3

Underberg, Underberg Veterinary Surgery

Beef: 3

Western Cape

Malmesbury, Dr Otto Kriek

Beef: 1

Energy, protein, phosphate deficiencies: Even indigenous breeds need a minimum basic supplement when animals are kept in paddocks along the coastal areas. A complaint that a client was "dishonest" was received because animals "fell apart" that were sold by him. Apparently these animals were probably kept in a paddock along the coastline with the bare minimum to survive on.

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1									
Northern Cape									
Calvinia, Calvinia Veeartskliniek									
Sheep: 2									
Protein deficiency									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (3)		3.0 (3)	3.0 (6)	2.8 (6)	2.7 (6)		1.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	3.0 (2)		3.0 (1)	3.0 (4)	2.8 (4)	3.0 (2)		1.0 (2)	
Sheep	3.0 (1)		3.0 (1)	3.0 (2)	3.0 (2)	3.0 (1)			
Goat			3.0 (1)			2.3 (3)			
Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3									
Standerton, Econovet									
Beef: 3, Sheep: 3									
Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 3, Sheep: 3, Goat: 3									
North West									
Brits, Brits Dierekliniek									
Beef: 3, Sheep: 3									
Christiana, Christiana Dierehospitaal									
Beef: 3									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 3, Sheep: 3									
Vryburg, Vryburg Dierehospitaal									
Beef: 3									
Free State									
Trompsburg, Dr. Wyn Irwin									
Beef: 3, Sheep: 3									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 3, Sheep: 3									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 2									
Winburg, Winburg Dierekliniek									
Beef: 3									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Goat: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 3, Goat: 3									
Pongola, Pongola Animal Clinic									
Beef: 3, Sheep: 3, Goat: 3									
Western Cape									
Malmesbury, Dr Otto Kriek									
Beef: 1									
Stellenbosch, Stellenbosch Animal Hospital									

Beef: 1

Phosphate deficiency ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.8 (4)			3.0 (2)			3.0 (1)	1.0 (1)	

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

Beef	2.7 (3)			3.0 (2)			3.0 (1)	1.0 (1)	
Sheep	3.0 (1)								

Mpumalanga

Lydenburg, Lydenburg Dieresprekkamer

Beef: 2

Standerton, Econovet

Beef: 3, Sheep: 3

Standerton, Standerton Dierehospitaal

Beef: 3

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Vryburg, Vryburg Dierehospitaal

Beef: 3

Eastern Cape

Stutterheim, Stutterheim Veterinary Clinic

Beef: 3

Western Cape

Malmesbury, Dr Otto Kriek

Beef: 1

Calcium deficiency ^

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

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

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

Mpumalanga

Lydenburg, Lydenburg Dieresprekkamer

Beef: 2

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 2

Free State

Vrede, Vrede Dierehospitaal
Sheep: 2
Kwazulu-Natal
Dundee, Endumeni Herd health
Dairy: 2
Howick, Howick Veterinary Clinic
Dairy: 3
Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 2

Micro Nutritional Problems

Iodine deficiency ^

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

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

Dairy						2.0 (1)			
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Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Dairy: 2

Copper deficiency ^

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

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

Beef			3.0 (1)						
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Limpopo
Mokopane, Dr Henk Visser
Beef: 3

Selenium deficiency ^

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

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

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

North West

Christiana, Christiana Dierehospitaal									
Sheep: 2									
Free State									
Harrismith, Harrismith Dierehospitaal									
Beef: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Dairy: 3									
Magnesium deficiency									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Dairy								2.0 (1)	
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Iodine deficiency									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						2.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Dairy						2.0 (1)			
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Dairy: 2									
Vitamin A deficiency									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.7 (3)				2.5 (4)	3.0 (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	2.5 (2)				2.5 (2)	3.0 (1)			
Sheep	3.0 (1)				2.5 (2)	3.0 (1)			
Goat						3.0 (1)			
Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Beef: 2									
Standerton, Standerton Dierehospitaal									

Beef: 3, Sheep: 3

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Trompsburg, Dr. Wyn Irwin

Beef: 2, Sheep: 2

Kwazulu-Natal

Pongola, Pongola Animal Clinic

Beef: 3, Sheep: 3, Goat: 3

Vitamin B 1 deficiency

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

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

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

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Free State

Harrismith, Harrismith Dierehospitaal

Beef: 2

Western Cape

Malmesbury, Bergzicht Dierehospitaal

Sheep: 2

Multi-factorial Disease Conditions

Abortions

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)	2.5 (2)		2.3 (3)	2.1 (8)	2.8 (5)		2.2 (5)	

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

Beef	1.7 (3)	2.5 (2)		3.0 (2)	2.0 (6)	2.7 (3)			
Dairy						3.0 (2)		2.3 (3)	
Sheep				1.0 (1)	2.5 (2)			3.0 (1)	
Goat								1.0 (1)	

Mpumalanga

Lydenburg, Lydenburg Dieresprekkamer

Beef: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 1

Standerton, Standerton Dierehospitaal

Beef: 3

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Beef: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 3

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Lichtenburg, Dr CM Kruger-Rall

Beef: 3

Lichtenburg, Silver Cross veterinary Herd Health

Sheep: 1

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2

Harrismith, Harrismith Dierehospitaal

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Vrede, Vrede Dierehospitaal

Beef: 1

Abort after fever run with *Babesia*

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Estcourt, Estcourt Vet Clinic

Dairy: 3

Howick, Howick Veterinary Clinic

Dairy: 3

Mooi River, Mooirivier Vet Clinic

Beef: 3

Post-red water outbreak

Underberg, Underberg Veterinary Surgery

Beef: 3

Late embryonic mortalities; maybe associated with severe heat earlier

Western Cape

Beaufort West, Beaufort West State Vet

Goat: 1

Neative for *Brucella mellitensis*

Darling, Darling Dierekliniek

Sheep: 3

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Riversdale, Riversdal Dierekliniek

Dairy: 2

Swellendam, Swellendam Dierehospitaal

Dairy: 3

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (3)	2.5 (2)		2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.5 (2)	2.0 (1)			
Dairy						3.0 (1)		2.0 (1)	
Sheep					3.0 (1)				

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 1, Sheep: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Howick, Howick Veterinary Clinic

Dairy: 3

Western Cape

Riversdale, Riversdal Dierekliniek

Dairy: 2

Abscesses



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (3)	1.5 (2)	2.3 (3)	1.9 (7)	1.5 (11)	2.0 (5)	1.8 (5)	1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.5 (2)		2.0 (2)	1.8 (4)	1.3 (6)	2.0 (3)			
Dairy						2.0 (1)	2.0 (1)		
Sheep	1.0 (1)	2.0 (1)		2.0 (1)	1.8 (4)		2.0 (2)		
Goat		1.0 (1)	3.0 (1)	2.0 (2)	2.0 (1)	2.0 (1)	1.5 (2)	1.0 (1)	

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Sheep: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Standerton, Standerton Dierehospitaal

Beef: 1

Gauteng

Muldersdrift, Muldersdrift Animal Hospital

Sheep: 2

Corynebacterium abscesses

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Goat: 1

Limpopo

Mokopane, Dr Henk Visser
Beef: 1
Polokwane, Pietersburg Veterinary Clinic
Beef: 3, Goat: 3
North West
Christiana, Christiana Dierehospitaal
Beef: 2
Klerksdorp, Buffeldoorn Dierehospitaal
Sheep: 2
<i>Corynebacterium pseudotuberculosis</i>
Lichtenburg, Dr CM Kruger-Rall
Goat: 1
Lichtenburg, Silver Cross veterinary Herd Health
Beef: 2
Ventersdorp, Buffelsvlei Dierekliniek
Beef: 1
Vryburg, Vryburg Dierehospitaal
Beef: 2, Goat: 3
Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 1, Goat: 2
Bultfontein, Greylingrust Dierspreekkamer
Beef: 1
Harrismith, Harrismith Dierehospitaal
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Sheep: 3
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 1, Sheep: 1
Vrede, Vrede Dierehospitaal
Beef: 1, Sheep: 2
Wesselsbron, Wesselsbron Dierekliniek
Sheep: 1
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Dairy: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2
Pongola, Pongola Animal Clinic
Beef: 1
Vryheid, Dr GH Theron
Beef: 3
Wounds caused by brown ear-ticks
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 2
Graaff-Reinet, Camdeboo Veterinary Clinic
Goat: 1
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 2, Goat: 2
Queenstown, Queenstown Veterinary clinic
Sheep: 2

Western Cape
Oudtshoorn, Ostrimed
Goat: 1

Abscesses in general [^](#)

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

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

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

Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1, Goat: 2

Free State

Bethlehem, Bethlehem State Vet

Beef: 1

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Dundee, Endumeni Herd health

Dairy: 1

Howick, Howick Veterinary Clinic

Dairy: 3

Ingogo, Gen XY Stud Beef Consultancy

Beef: 2

Western Cape

George, George Animal Hospital

Dairy: 1

Malmesbury, Bergzicht Dierehospitaal

Dairy: 2

Bladder stones [^](#)

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

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

Beef					1.0 (1)				
Sheep					1.0 (2)				

Free State

Clocolan, Clocolan Dierekliniek

Sheep: 1

Ficksburg, Oos Vrystaat Diere Produkte

Beef: 1

Beefmaster bull

Hoopstad, Hoopstad Dierekliniek

Sheep: 1

Blindness

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

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

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

North West

Vryburg, Vryburg Dierehospitaal

Beef: 1

Free State

Dewetsdorp, Platkop Dierekliniek

Beef: 3, Sheep: 3

Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic

Sheep: 1

Bloat

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

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

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

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 1

North West

Rustenburg, Protea Dierekliniek

Beef: 1

Free State

Ficksburg, Oos Vrystaat Diere Produkte

Sheep: 1

Kroonstad, Kroonstad Dierehospitaal

Goat: 1

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Beef: 2, Dairy: 3

Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 1
Queenstown, Queenstown Veterinary clinic
Beef: 1
Frothy bloat
Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 2
Riversdale, Riversdal Dierekliniek
Dairy: 1
Stellenbosch, Stellenbosch Animal Hospital
Beef: 1

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

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

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

Dairy						2.0 (1)			
Sheep					2.0 (3)	2.0 (1)	2.0 (2)	2.0 (2)	

Free State
Harrismith, Harrismith Dierehospitaal
Sheep: 2
Reitz, Riemland Dierekliniek
Sheep: 2
Vrede, Vrede Dierehospitaal
Sheep: 2
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Dairy: 2
Kokstad, E.G. Veterinary Services
Sheep: 2
Eastern Cape
Cradock, Cradock Veterinary Clinic
Sheep: 3
Graaff-Reinet, Camdeboo Veterinary Clinic
Sheep: 1

Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Sheep: 3									
Stellenbosch, Stellenbosch Animal Hospital									
Sheep: 1									
Diarrhoea									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (6)	2.0 (2)	1.0 (1)	2.7 (7)	2.1 (9)	2.3 (3)		2.8 (5)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.3 (6)	2.0 (2)	1.0 (1)	2.8 (6)	2.0 (6)	2.0 (1)			
Dairy					2.0 (2)	3.0 (1)		2.8 (4)	
Sheep				2.0 (1)	3.0 (1)			3.0 (1)	
Goat						2.0 (1)			
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Lydenburg, Lydenburg Dieresprekkamer									
Beef: 2									
Middelburg, Middelburg Dierehospitaal									
Beef: 2									
Standerton, Econovet									
Beef: 3									
Standerton, Standerton Dierehospitaal									
Beef: 3									
Volksrust, Cape Cross Volksrust Dierehospitaal									
Beef: 3									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 2									
Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 1									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 3									
Klerksdorp, Klerksdorp Dierehospitaal									
Beef: 3									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 3									
Calves, suspect Rota virus infection									
Stella, Stella Dierekliniek									
Beef: 3									
Ventersdorp, Buffelsvlei Dierekliniek									
Beef: 2, Sheep: 2									
Vryburg, Vryburg Dierehospitaal									
Beef: 3									

Free State									
Bethlehem, Bethlehem Animal Hospital									
Beef: 3									
Bethlehem, Bethlehem State Vet									
Beef: 1									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 2									
Clocolan, Clocolan Dierekliniek									
Beef: 3, Dairy: 2, Sheep: 3									
Kroonstad, Kroonstad Dierehospitaal									
Dairy: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 1									
Winburg, Winburg Dierekliniek									
Beef: 2									
Angus calves, <i>E. coli</i> confirmed									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Beef: 2, Goat: 2									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Western Cape									
George, George Animal Hospital									
Dairy: 3, Sheep: 3									
Malmesbury, Dr Otto Kriek									
Dairy: 3									
Blood from calves under 3 days old almost invariably indicates a severe shortage of antibodies. Antibodies in small calves are only obtained from good quality colostrum given within the first 6 hours of life !!!!! Excellent water quality is not only paramount to successful rearing of calves but it is also extremely important to the cause of maintaining a healthy adult dairy herd. Recent tests have shown unacceptable levels of <i>E. coli</i> /Coliforms in the drinking water on a number of farms!!									
Riversdale, Riversdal Dierekliniek									
Dairy: 3									
Swellendam, Swellendam Dierehospitaal									
Dairy: 2									
Epididymitis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (2)	2.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep					1.0 (1)	2.0 (1)			
Goat					1.0 (1)				
Free State									
Vrede, Vrede Dierehospitaal									
Goat: 1									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 1									
Kwazulu-Natal									
Kokstad, E.G.Veterinary Services									

Sheep: 2

Eye Cancer [^](#)

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 (2)	2.7 (3)		2.0 (2)	

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

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

Mpumalanga									
Bethal, Bethal Dierekliniek									
Dairy: 2									
North West									
Brits, Brits Dierekliniek									
Beef: 1									
Free State									
Clocolan, Clocolan Dierekliniek									
Dairy: 2									
Reitz, Riemland Dierekliniek									
Dairy: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Dairy: 2									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Kokstad, E.G.Veterinary Services									
Sheep: 3									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Malmesbury, Dr Otto Kriek									
Dairy: 2									

Eye infections [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.4 (14)	1.5 (6)		2.4 (8)	2.8 (14)	2.5 (16)	2.6 (5)	2.6 (7)	

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

Beef	2.5 (6)	1.5 (2)		2.4 (8)	2.8 (11)	2.6 (7)	2.5 (2)	2.7 (3)	
Dairy	2.5 (2)				2.0 (1)	3.0 (1)	2.5 (2)	2.7 (3)	
Sheep	2.4 (5)	1.3 (3)			3.0 (2)	2.5 (4)	3.0 (1)	2.0 (1)	
Goat	2.0 (1)	2.0 (1)				2.3 (4)			

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Sheep: 1

Delmas, Dr Johan Jooste

Dairy: 3

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Nelspruit, Nelspruit Animal Hospital

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

Standerton, Econovet

Beef: 3, Sheep: 3

Standerton, Standerton Dierehospitaal

Beef: 3, Sheep: 3

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 3, Sheep: 3

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2, Sheep: 1, Goat: 2

Muldersdrift, Muldersdrift Animal Hospital

Beef: 1

Moraxella

Sheep: 1

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

North West

Brits, Brits Dierekliniek

Beef: 3

Christiana, Christiana Dierehospitaal

Beef: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Lichtenburg, Dr CM Kruger-Rall

Beef: 2

Lichtenburg, Silver Cross veterinary Herd Health

Beef: 3

Stella, Stella Dierekliniek

Beef: 3

Ventersdorp, Buffelsvlei Dierekliniek

Beef: 1

Vryburg, Vryburg Dierehospitaal

Beef: 2

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 3

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 3

Clocolan, Clocolan Dierekliniek

Beef: 3

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 3, Dairy: 2

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 3

Pink eye - severe outbreaks in emerging herds

Reitz, Riemland Dierekliniek

Beef: 3

Trompsburg, Dr. Wyn Irwin

Beef: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Vrede, Saulshoek Dierepraktik

Beef: 2

Winburg, Winburg Dierekliniek

Beef: 3, Sheep: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2, Goat: 2

Estcourt, Estcourt Vet Clinic

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

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Pongola, Pongola Animal Clinic

Beef: 2

Most likely a vitamin A deficiency

Sheep: 2, Goat: 2

Underberg, Underberg Veterinary Surgery

Beef: 3, Sheep: 3

Vryheid, Dr GH Theron

Beef: 3

Eastern Cape

Aliwal North, Hertzogbrug Dierekliniek

Beef: 2

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 3

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 3

Moraxella

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 2

Queenstown, Queenstown Veterinary clinic

Beef: 3

Western Cape

George, George Animal Hospital

Beef: 3, Dairy: 3

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2, Sheep: 2

Malmesbury, Bergzicht Dierehospitaal

Beef: 3

Stellenbosch, Stellenbosch Animal Hospital

Beef: 2

Swellendam, Swellendam Dierehospitaal

Dairy: 3

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (3)				2.0 (1)	1.5 (2)	1.3 (3)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (3)					1.5 (2)	2.0 (1)		
Sheep					2.0 (1)		1.0 (2)		

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Bethal, Bethal Dierekliniek									
Beef: 1									
Grootvlei, Grootvlei Dierekliniek									
Beef: 1									
Free State									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Sheep: 2									
Kwazulu-Natal									
Pongola, Pongola Animal Clinic									
Beef: 1									
Vryheid, Dr GH Theron									
Beef: 2									
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Sheep: 1									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 1									
Port Alfred, Port Alfred Veterinary Clinic									
Beef: 2									
Calves, Peddie, 2 cases									

Lameness/Foot Problems ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.8 (4)	2.5 (2)		2.7 (6)	2.0 (5)	2.1 (7)	1.5 (2)	2.2 (6)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.7 (3)	2.0 (1)		2.8 (4)	2.0 (4)	1.5 (2)		2.0 (1)	
Dairy					2.0 (1)	2.5 (2)		2.7 (3)	
Sheep	3.0 (1)	3.0 (1)		2.5 (2)		2.5 (2)	2.0 (1)	1.5 (2)	
Goat						2.0 (1)	1.0 (1)		

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 2									
Middelburg, Middelburg Dierehospitaal									
Beef: 3									
Standerton, Standerton Dierehospitaal									
Beef: 3, Sheep: 3									

Gauteng
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 3
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Beef: 2
North West
Brits, Brits Dierekliniek
Beef: 2
Christiana, Christiana Dierehospitaal
Beef: 3
Lichtenburg, Dr CM Kruger-Rall
Beef: 3, Sheep: 3
Lichtenburg, Silver Cross veterinary Herd Health
Sheep: 2
Vryburg, Vryburg Dierehospitaal
Beef: 3
Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 1
Clocolan, Clocolan Dierekliniek
Beef: 3
Kroonstad, Kroonstad Dierehospitaal
Dairy: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 3
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 1
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Dairy: 2
Howick, Howick Veterinary Clinic
Dairy: 3
Kokstad, E.G.Veterinary Services
Sheep: 3
Mtubatuba, Mtubatuba Animal Clinic
Goat: 2
Pongola, Pongola Animal Clinic
Beef: 1
Underberg, Underberg Veterinary Surgery
Beef: 2, Sheep: 2
Eastern Cape
Graaff-Reinet, Camdeboo Veterinary Clinic
Goat: 1
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 2
Western Cape
Darling, Darling Dierekliniek
Sheep: 1
Foot rot
George, George Animal Hospital
Beef: 2
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 2
Malmesbury, Dr Otto Kriek

Dairy: 3

Marked escalation due to soiled environments in feeding areas and calving pens. Build-up of bacterial numbers is very rapid where organic material is allowed to accumulate. Organic material prevents sterilisation by ultra violet rays from the sun. This problem has surfaced mainly due to the fact that milk prices are unacceptably low and farmers try to cut costs by extending the time between scraping /cleaning of the holding/feeding/calving areas.

Oudtshoorn, Ostrimed

Sheep: 2

Swellendam, Swellendam Dierehospitaal

Dairy: 3

Lung infection

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (6)	1.0 (1)		1.8 (4)	1.6 (9)	2.3 (7)	1.0 (2)	2.0 (4)	2.0 (2)

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

Beef	1.8 (5)			1.7 (3)	1.3 (3)	2.3 (4)			
Dairy					1.5 (2)	3.0 (1)	1.0 (1)	1.5 (2)	
Sheep	1.0 (1)	1.0 (1)		2.0 (1)	1.8 (4)	2.0 (1)	1.0 (1)	2.5 (2)	2.0 (2)
Goat						2.0 (1)			

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 2, Sheep: 1

Middelburg, Middelburg Dierehospitaal

Beef: 2

Piet Retief, Pets Vet Hospital

Beef: 2

Standerton, Standerton Dierehospitaal

Beef: 2

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1

North West

Brits, Brits Dierekliniek

Beef: 1

Christiana, Christiana Dierehospitaal

Beef: 1

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 3

Vryburg, Vryburg Dierehospitaal

Sheep: 2

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Dairy: 1

Clocolan, Clocolan Dierekliniek

Beef: 1, Sheep: 2

Harrismith, Harrismith Dierehospitaal

Beef: 1

Ladybrand, Ladybrand / Excelsior Dierekliniek

Sheep: 1									
Reitz, Riemland Dierekliniek									
Beef: 2, Dairy: 2, Sheep: 2									
Winburg, Winburg Dierekliniek									
Sheep: 2									
Sheep feedlots									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Bergville, Tugela Vet Clinic									
Beef: 2, Sheep: 2									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2, Goat: 2									
Underberg, Underberg Veterinary Surgery									
Beef: 3									
Calves in wet weather, dams not immunised									
Eastern Cape									
Aliwal North, Hertzogbrug Dierekliniek									
Sheep: 1									
Kareedouw, Tenax Vet Clinic									
Dairy: 1									
One, 1 week old calf died of pneumonia. <i>Staphylococcus aureus</i> was isolated.									
Western Cape									
Darling, Darling Dierekliniek									
Sheep: 3									
George, George Animal Hospital									
Dairy: 2, Sheep: 2									
Swellendam, Swellendam Dierehospitaal									
Dairy: 1									
Northern Cape									
De Aar, De Aar Veterinary Clinic									
Sheep: 2									
Prieska area									
Kimberley, Kimberley Dierekliniek									
Sheep: 2									
Mastitis in general									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	2.0 (2)	2.0 (1)	1.0 (1)	2.0 (2)	2.3 (8)	1.8 (6)	2.2 (6)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					2.0 (1)	2.0 (4)	1.0 (2)		
Dairy	1.0 (1)	3.0 (1)	2.0 (1)	1.0 (1)	2.0 (1)	2.5 (4)	2.3 (4)	2.2 (6)	
Sheep		1.0 (1)							
Mpumalanga									
Balfour, Balfour Dierekliniek									
Dairy: 1									
Gauteng									

Centurion, Deltamune
Dairy: 3
Western and Eastern Cape
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 1
Limpopo
Polokwane, Pietersburg Veterinary Clinic
Dairy: 2
North West
Brits, Brits Dierekliniek
Dairy: 1
Free State
Bethlehem, Bethlehem State Vet
Beef: 2
Bothaville, Cape Cross Bothaville Veterinary Hospital
Dairy: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Estcourt, Estcourt Vet Clinic
Dairy: 3
Howick, Howick Veterinary Clinic
Dairy: 3
Mooi River, Mooirivier Vet Clinic
Dairy: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Pongola, Pongola Animal Clinic
Beef: 1
Underberg, Underberg Veterinary Surgery
Beef: 3
Vryheid, Dr GH Theron
Dairy: 2
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Beef: 1
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 3
High somatic cell counts due to hot weather and late lactations
Kareedouw, Tenax Vet Clinic
Dairy: 2
Six chronic mastitis cases
Port Alfred, Port Alfred Veterinary Clinic
Dairy: 2
<i>E. coli</i> , 3 cases, 2 cases in Boknes
Uitenhage, Uitenhage Dierehospitaal
Beef: 1
Western Cape
George, George Animal Hospital
Dairy: 3
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 3

Malmesbury, Dr Otto Kriek

Dairy: 1

Marked escalation due to soiled environments in feeding areas and calving pens. Build-up of bacterial numbers is very rapid where organic material is allowed to accumulate. Organic material prevents sterilisation by ultra violet rays from the sun. This problem has surfaced mainly due to the fact that milk prices are unacceptably low and farmers try to cut costs by extending the time between scraping /cleaning of the holding/feeding/calving areas.

Oudtshoorn, Ostrimed

Dairy: 1

Riversdale, Riversdal Dierekliniek

Dairy: 2

Swellendam, Swellendam Dierehospitaal

Dairy: 3

Navel Ill

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

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

Beef				1.0 (1)		1.0 (1)			
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North West**Lichtenburg, Silver Cross veterinary Herd Health**

Beef: 1

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

Beef: 1

Trauma

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

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

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

Mpumalanga**Grootvlei, Grootvlei Dierekliniek**

Beef: 1

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

Goat: 2

Fractures

Limpopo**Polokwane, Pietersburg Veterinary Clinic**

Beef: 1

Traumatic pericarditis

Free State

Clocolan, Clocolan Dierekliniek									
Sheep: 1									
Winburg, Winburg Dierekliniek									
Beef: 2									
Traumatic pericarditis									
Downer									^
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 (2)	2.0 (3)	1.5 (2)		1.5 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.0 (1)	1.0 (1)		2.0 (2)	2.0 (2)	1.0 (1)		2.0 (1)	
Dairy					2.0 (1)	2.0 (1)		1.0 (1)	
Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Beef: 2									
Gauteng									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 1									
North West									
Rustenburg, Protea Dierekliniek									
Beef: 1									
Vryburg, Vryburg Dierehospitaal									
Beef: 3									
Free State									
Bultfontein, Greylingrust Dieresprekkamer									
Beef: 1									
Clocolan, Clocolan Dierekliniek									
Dairy: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 3									
Kwazulu-Natal									
Howick, Howick Veterinary Clinic									
Dairy: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									
Western Cape									
Beaufort West, Beaufort West State Vet									
Beef: 2									
Droogte									
Riversdale, Riversdal Dierekliniek									
Dairy: 1									
Other									^
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 importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (1)		
Sheep		1.0 (1)	2.0 (1)

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 2

Hernia

Kwazulu-Natal

Camperdown, Camperdown Vet Clinic

Sheep: 1

Rumen stasis, too little roughage

Northern Cape

Kimberley, Kimberley Dierekliniek

Sheep: 2

Liver necrosis - unknown cause

Metabolic Diseases

Acidosis

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

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

Beef				3.0 (1)	2.0 (1)				
Dairy						2.0 (1)		1.5 (2)	
Sheep	2.0 (1)							1.0 (1)	

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Sheep: 2

North West

Brits, Brits Dierekliniek

Beef: 3

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 2

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Dairy: 2

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 1

Feedlot

Malmesbury, Dr Otto Kriek

Dairy: 2

Acidosis has caused so many problems. It's course is very insidious by nature therefore inflicting huge losses by the time the problem is identified. Often, due to the low milk prices, some farmers are forced to make use of low quality roughage and to balance the ration, excessive concentrate is added thus contributing to the subclinical acidosis !!

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Displaced abomasum

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

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

Dairy 1.0 (1) 2.3 (3)

Free State

Clocolan, Clocolan Dierekliniek

Dairy: 1

Kwazulu-Natal

Dundee, Endumeni Herd health

Dairy: 2

Estcourt, Estcourt Vet Clinic

Dairy: 2

Howick, Howick Veterinary Clinic

Dairy: 3

Ketosis

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

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

Dairy 1.0 (1) 3.0 (1)

Sheep 2.0 (1) 3.0 (1) 2.0 (1) 2.0 (1)

Mpumalanga

Delmas, Dr Johan Jooste

Sheep: 2

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Dairy: 1

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Dairy: 3, Sheep: 2

Western Cape

Piketberg, Piketberg Dierhospitaal

Sheep: 2

Milk Fever

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

Dairy	1.0 (1)	3.0 (1)	3.0 (1)
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Free State

Clocolan, Clocolan Dierekliniek

Dairy: 1

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Dairy: 3

Western Cape

George, George Animal Hospital

Dairy: 3

Reproductive diseases

Dystocia (Difficult Births)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (9)	1.0 (1)	2.0 (1)	2.3 (4)	2.1 (19)	1.9 (10)	1.3 (4)	1.4 (7)	

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

Beef	2.0 (6)		2.0 (1)	2.3 (4)	2.1 (15)	1.7 (6)	1.3 (3)	1.7 (3)	
Dairy					1.5 (2)	2.3 (4)	1.0 (1)	1.3 (4)	
Sheep	1.5 (2)	1.0 (1)			2.5 (2)				
Goat	1.0 (1)								

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Goat: 1

Bethal, Bethal Dierekliniek

Beef: 1, Sheep: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Lydenburg, Lydenburg Dieresprekkamer

Sheep: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Standerton, Econovet

Beef: 3

Standerton, Standerton Dierehospitaal

Beef: 3

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 2

North West
Brits, Brits Dierekliniek
Beef: 3
Christiana, Christiana Dierehospitaal
Beef: 3
Klerksdorp, Klerksdorp Dierehospitaal
Beef: 1
Lichtenburg, Silver Cross veterinary Herd Health
Beef: 2
Free State
Bethlehem, Bethlehem Animal Hospital
Beef: 3
Bloemfontein, Dr Stephan Wessels
Beef: 2
Bothaville, Cape Cross Bothaville Veterinary Hospital
Dairy: 1
Bultfontein, Greylingrust Dierespreekkamer
Beef: 1
Ficksburg, Oos Vrystaat Diere Produkte
Beef: 2, Dairy: 2
Harrismith, Harrismith Dierehospitaal
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 2
Memel, Memel Veterinary Clinic
Beef: 2
Parys, Parys Dierekliniek
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 2, Sheep: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2
Vrede, Saulshoek Dierpraktyk
Beef: 1
16 month old heifers grazing with bull calves just after they were weaned
Vrede, Vrede Dierehospitaal
Beef: 2
Winburg, Winburg Dierekliniek
Beef: 3
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Bergville, Tugela Vet Clinic
Beef: 1
Dundee, Endumeni Herd health
Dairy: 2
Estcourt, Estcourt Vet Clinic
Dairy: 2
Howick, Howick Veterinary Clinic
Dairy: 3

Mooi River, Mooirivier Vet Clinic									
Beef: 2, Dairy: 2									
Newcastle, Ncanduvet Newcastle									
Beef: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Underberg, Underberg Veterinary Surgery									
Beef: 1									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Aliwal North, Hertzogbrug Dierekliniek									
Beef: 1									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Dairy: 1									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Beef: 1									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Beef: 2									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Malmesbury, Bergzicht Dierehospitaal									
Dairy: 1									
Malmesbury, Dr Otto Kriek									
Dairy: 1									
Plettenberg Bay, Plettenberg Bay A Reitz									
Beef: 2									
Four cases of problem calvings - too large calves. Two out of 4 calves stillborn									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 1									
Swellendam, Swellendam Dierehospitaal									
Dairy: 1									
Endometritis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (2)	2.0 (3)		3.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Dairy					2.0 (2)	2.0 (3)		3.0 (2)	
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Dairy: 2									
Clocolan, Clocolan Dierekliniek									
Dairy: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Dairy: 2									
Howick, Howick Veterinary Clinic									
Dairy: 3									

Mooi River, Mooirivier Vet Clinic									
Dairy: 1									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 3									
Malmesbury, Bergzicht Dierehospitaal									
Dairy: 3									
Metritis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)		2.0 (2)	1.0 (2)	2.3 (4)	2.0 (2)	2.7 (3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		1.0 (1)		3.0 (1)	1.0 (1)	2.0 (2)		2.0 (1)	
Dairy					1.0 (1)	2.5 (2)	3.0 (1)	3.0 (2)	
Sheep				1.0 (1)			1.0 (1)		
Gauteng									
Pretoria, Anima Veterinary Consulting Rooms									
Beef: 1									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 3									
Lichtenburg, Silver Cross veterinary Herd Health									
Sheep: 1									
Free State									
Clocolan, Clocolan Dierekliniek									
Dairy: 1									
Harrismith, Harrismith Dierehospitaal									
Beef: 1									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Dairy: 2									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Pietermaritzburg, Richmond Veterinary Clinic									
Beef: 2									
Vryheid, Dr GH Theron									
Beef: 2									
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 1									
Kareedouw, Tenax Vet Clinic									
Dairy: 3									
82 cases									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Beef: 2									
Malmesbury, Dr Otto Kriek									
Dairy: 3									
Swellendam, Swellendam Dierehospitaal									

Dairy: 3

Poor conception

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (4)			3.0 (1)	2.3 (9)	2.2 (6)	2.5 (2)	3.0 (2)	

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

Beef	2.0 (3)			3.0 (1)	2.1 (7)	2.3 (3)	2.0 (1)	3.0 (1)	
Dairy						2.5 (2)	3.0 (1)	3.0 (1)	
Sheep	3.0 (1)				3.0 (2)	1.0 (1)			

Mpumalanga

Grootvlei, Grootvlei Direkliniek

Beef: 2

Standerton, Econovet

Beef: 3, Sheep: 3

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Free State

Bethlehem, Bethlehem State Vet

Beef: 1

Hoopstad, Hoopstad Direkliniek

Beef: 3, Sheep: 3

Trompsburg, Dr. Wyn Irwin

Beef: 3, Sheep: 3

Villiers, Wilgepoort Direkliniek Vennootskap

Beef: 1

Vrede, Saulshoek Direpraktyk

Beef: 3

Vrede, Vrede Dierehospitaal

Beef: 1

Winburg, Winburg Direkliniek

Beef: 3

Due to heat waves late embryonic deaths occurred

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 1, Sheep: 1

Estcourt, Estcourt Vet Clinic

Dairy: 2

Howick, Howick Veterinary Clinic

Dairy: 3

Pietermaritzburg, Richmond Veterinay Clinic

Beef: 3

Late rains

Underberg, Underberg Veterinary Surgery

Beef: 3

Eastern Cape

Alexandria, Dr Thys (MJ) Potgieter

Dairy: 3
Due to heat stress during December and January
Aliwal North, Hertzogbrug Dierekliniek
Beef: 2
Western Cape
Malmesbury, Bergzicht Dierehospitaal
Beef: 3
Swellendam, Swellendam Dierehospitaal
Dairy: 3
Abortions and resorptions due to severe heat a month ago.

Retained afterbirth									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)		1.0 (1)		1.4 (5)	2.0 (3)	3.0 (1)	1.8 (4)	

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

Beef	2.0 (1)		1.0 (1)		1.7 (3)	2.0 (1)	3.0 (1)		
Dairy					1.0 (1)	2.0 (2)		1.8 (4)	
Goat					1.0 (1)				

Mpumalanga
Nelspruit, Nelspruit Animal Hospital
Beef: 2
Limpopo
Polokwane, Pietersburg Veterinary Clinic
Beef: 1
Free State
Bultfontein, Greylingrust Dieresprekkamer
Beef: 2
Ficksburg, Oos Vrystaat Diere Produkte
Dairy: 1
Harrismith, Harrismith Dierehospitaal
Beef: 1
Wesselsbron, Wesselsbron Dierekliniek
Goat: 1
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Dundee, Endumeni Herd health
Dairy: 1
Howick, Howick Veterinary Clinic
Dairy: 3
Eastern Cape
Aliwal North, Hertzogbrug Dierekliniek
Beef: 3
Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 2
Malmesbury, Dr Otto Kriek

Dairy: 2
Riversdale, Riversdal Dierekliniek
Dairy: 1
Swellendam, Swellendam Dierehospitaal
Dairy: 2

Sheath Prolaps									
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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)			

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

Beef				1.0 (2)	1.0 (1)	2.0 (1)			
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North West
Brits, Brits Dierekliniek
Beef: 1
Vryburg, Vryburg Dierehospitaal
Beef: 1
Free State
Clocolan, Clocolan Dierekliniek
Beef: 1
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2

Uterus prolaps									
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				1.3 (3)	1.3 (4)		1.3 (3)	

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

Beef	1.0 (1)				1.5 (2)	1.0 (1)		1.0 (1)	
Dairy						1.3 (3)		1.5 (2)	
Sheep					1.0 (1)				

Mpumalanga
Nelspruit, Nelspruit Animal Hospital
Beef: 1
Free State
Ficksburg, Oos Vrystaat Diere Produkte
Beef: 1
Harrismith, Harrismith Dierehospitaal
Sheep: 1
Reitz, Riemland Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 1
Estcourt, Estcourt Vet Clinic

Dairy: 1
Howick, Howick Veterinary Clinic
Dairy: 2
Mooi River, Mooirivier Vet Clinic
Dairy: 1
Western Cape
George, George Animal Hospital
Beef: 1
Malmesbury, Bergzicht Dierehospitaal
Dairy: 2
Stellenbosch, Stellenbosch Animal Hospital
Dairy: 1

Vaginal (Cervical) prolaps ^

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

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

Beef		2.0 (1)		1.0 (1)	1.7 (3)	2.3 (3)			
Sheep	1.0 (1)				2.0 (1)			1.0 (1)	

Mpumalanga									
Bethal, Bethal Dierekliniek									
Sheep: 1									
Gauteng									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 2									
North West									
Brits, Brits Dierekliniek									
Beef: 1									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 2, Sheep: 2									
Reitz, Riemland Dierekliniek									
Beef: 2									
Vrede, Saulshoek Dierpraktik									
Beef: 1									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 3									
Estcourt, Estcourt Vet Clinic									
Beef: 2									
Howick, Howick Veterinary Clinic									
Beef: 2									
Western Cape									
Stellenbosch, Stellenbosch Animal Hospital									
Sheep: 1									

Climatical Cause

Drought ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (2)			3.0 (1)	2.5 (2)	3.0 (4)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	3.0 (1)			3.0 (1)	2.5 (2)	3.0 (2)			
Sheep	3.0 (1)					3.0 (1)			
Goat						3.0 (1)			

Mpumalanga

Standerton, Standerton Dierehospitaal

Beef: 3

Some farms horribly affected. Fodder bank for winter problematic.

Sheep: 3

North West

Stella, Stella Dierekliniek

Beef: 3

Grazing poor to nothing

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 2

Trompsburg, Dr. Wyn Irwin

Beef: 3

Very poor grazing due to lack of rain - prospects for winter poor.

Kwazulu-Natal

Pietermaritzburg, Dr Rick Mapham Consultancy

Beef: 3

Water levels of dams desperately low

Pongola, Pongola Animal Clinic

Beef: 3

No rain

Sheep: 3, Goat: 3

Heat stress



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.5 (2)			3.0 (2)		2.0 (1)	3.0 (1)	3.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.0 (1)			3.0 (1)				3.0 (1)	
Dairy	3.0 (1)			3.0 (1)		2.0 (1)	3.0 (1)	3.0 (1)	

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 2, Dairy: 3

North West

Brits, Brits Dierekliniek

Dairy: 3

Vryburg, Vryburg Dierehospitaal

Beef: 3

Kwazulu-Natal
Howick, Howick Veterinary Clinic
Dairy: 2
Eastern Cape
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 3
Western Cape
Darling, Darling Dierekliniek
Beef: 3
Resortions and abortions due to heat stress
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 3

Lightning										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.1 (7)			1.7 (3)	2.0 (12)	2.2 (5)	1.0 (1)		

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

Beef	2.2 (5)			1.7 (3)	2.0 (11)	2.2 (5)	1.0 (1)		
Sheep	2.0 (2)				2.0 (1)				

Mpumalanga
Balfour, Balfour Dierekliniek
Sheep: 1
Bethal, Bethal Dierekliniek
Beef: 2
Lydenburg, Lydenburg Dieresprekkamer
Beef: 1
Standerton, Econovet
Beef: 2
Standerton, Standerton Dierehospitaal
Beef: 3
Volksrust, Cape Cross Volksrust Dierehospitaal
Beef: 3, Sheep: 3
North West
Brits, Brits Dierekliniek
Beef: 2
Lichtenburg, Silver Cross veterinary Herd Health
Beef: 1
Vryburg, Vryburg Dierehospitaal
Beef: 2
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 1
Harrismith, Harrismith Dierehospitaal
Beef: 3
Hoopstad, Hoopstad Dierekliniek
Beef: 3
Memel, Memel Veterinary Clinic

Beef: 3
Parys, Parys Dierekliniek
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 2
Trompsburg, Dr. Wyn Irwin
Beef: 1
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 1
Vrede, Saulshoek Dierepraktyk
Beef: 2
Vrede, Vrede Dierehospitaal
Beef: 2, Sheep: 2
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 2
Estcourt, Estcourt Vet Clinic
Beef: 2
Howick, Howick Veterinary Clinic
Beef: 2
Newcastle, Ncanduvet Newcastle
Beef: 3
Eastern Cape
Queenstown, Queenstown Veterinary clinic
Beef: 1

Non specific diseases

Cause of death not established									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape

Average	2.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Goat	2.0 (1)
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Mpumalanga
Nelspruit, Nelspruit Animal Hospital
Goat: 2
Neurological symptoms and lung edema- negative for heartwater

Preditors									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)			3.0 (2)				

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

Beef	1.0 (1)
Sheep	3.0 (2)

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

Dog bite wounds

Free State

Clocolan, Clocolan Dierekliniek

Sheep: 3

Harrismith, Harrismith Dierehospitaal

Sheep: 3

Sabotage - Theft

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average 2.8 (4)

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

Beef	2.5 (2)
Sheep	3.0 (2)

Free State

Clocolan, Clocolan Dierekliniek

Beef: 3, Sheep: 3

Harrismith, Harrismith Dierehospitaal

Beef: 2, Sheep: 3

Trauma

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

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

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

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Free State

Harrismith, Harrismith Dierehospitaal

Beef: 1, Sheep: 1

Kwazulu-Natal

Camperdown, Camperdown Vet Clinic

Goat: 1

sprained fetlock

Ingogo, Gen XY Stud Beef Consultancy

Beef: 1

Vryheid, Dr GH Theron

Beef: 1

Traumatic pericarditis (wire)

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