

Monthly report on livestock disease trends as informally reported by veterinarians belonging to the Ruminant Veterinary Association of South Africa (RuVASA), a group of the South African Veterinary Association

August 2016

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

Click on Disease Reports

The following practices and laboratories (124) submitted reports during August 2016:

Mpumalanga (11)

Balfour – Dr. Louis van Jaarsveld
Bethal – Dr. Hardus Pieters
Delmas – Dr. Raubé 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
Standerton – Drs. Nel, Swart, Van der Merwe and Berg

Gauteng (9)

Bapsfontein – Drs. Engelbrecht, Olivier and Ribbens
Bronkhorstspuit – Drs. De Bruin, De Bruin, Rudolph and Slabber
Magaliesburg – Dr. Ryan Jeffery
Muldersdrft – Dr. Clare Speedy
Nigel – Dr. Cindy van der Westhuizen
Onderstepoort Veterinary Academic Hospital – Proff. Annandale, Prozesky, Shakespear, Holm and Drs. Esposito, Gratwick, Hamman, Harmse and O'Dell
Pretoria – Dr. Hanneke Pienaar
Pretoria – Dr. Rosaly Steyn
Pretoria – Dr. Riette van Zyl

Limpopo (6)

Bela-Bela – Dr. Nele Sabbe
Lephalale – Dr. Brigitte Luck
Makhado (Louis Trichardt)– Drs. Harris, Klopper and Jacobs

Mokopane (Potgietersrus) - Dr. Henk Visser

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

Vaalwater – Dr. Hampie van Staden

North West (10)

Brits – Drs. Boshoff and Coertze

Christiana - Dr. Pieter Nel

Klerksdorp – Drs. Van den Berg and Theron

Klerksdorp – Drs. Coetzee and Venter

Lichtenburg – Dr. Fritz Ras

Lichtenburg – Dr. Nelmarie Kruger-Rall

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

Stella - Dr. Magdaleen Vosser

Ventersdorp/ Koster – Drs. Marais and Benadé

Vryburg – Dr. Jurie Kritzinger

Free State (24)

Bethlehem – Drs. Strydom and Strydom

Bloemfontein – Dr. Stephan Wessels

Bothaville – Dr. Johann Blaauw

Clocolan – Dr. Liezel Wasserman

Dewetsdorp – Dr. Marike Badenhorst

Ficksburg – Drs. Kotze and Coetzer

Frankfort - Drs. Lessing, Cilliers and Janse van Rensburg

Harrismith - Drs. Pretorius, Bester and Nel

Hertzogville – Dr. Nico Hendrikz

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

Philipstown – Dr. Stephan Vermeulen

Reitz - Dr. Murray Smith

Smithfield – Dr. Nienke van Hasselt

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 (17)

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
Ingogo – Dr. Trish Oglesby
Kokstad- Drs. Clowes and Shrives
Mooi River - Drs. Fowler, Hartley, Waterman and Mallet
Mtubatuba – Dr. Trever Viljoen
Newcastle – Dr. Barry Rafferty
Pietermaritzburg – Dr. Phillip Kretzmann
Pietermaritzburg – Dr. Rick Mapham
Pongola – Dr. Heinz Kohrs
Underberg - Drs. Collins, King and Delaney
Vryheid – Drs. Theron and Theron

Eastern Cape (13)

Alexandria - Drs. Olivier and Dreyer
Aliwal North/Zastron – Drs. Troskie and Strauss
Bathurst – Dr. Jane Pistorius
Cradock – Dr. Frans Erasmus
Cradock – Dr. Ilse Jenkinson
Graaff- Reinet - Dr. Roland Larson
Humansdorp – Drs. Van Niekerk, Janse Vn Vuuren and Basson
Jeffreys Bay – Drs. Hoek, Lategan and McFarlane
Kareedouw- Dr. Marten Bootsma
Middelburg/Steynsburg – Drs. Van Rooyen and Viljoen
Stutterheim - Dr. Dave Waterman
Uitenhage – Drs. Mulder and Krüger
Witelsbos – Dr. Bernadine van den Berg

Western Cape (18)

Beaufort West - Drs. Pienaar and Grobler
Caledon – Drs. Retief, Coetzer, Conradie and Woudstra
Caledon – Drs. Louw and Viljoen
Darling – Drs. Van der Merwe, Adam and Senekal
George - Drs. Strydom, Truter and Pettifer
Heidelberg – Dr. Albert van Zyl
Malmesbury – Dr. Otto Kriek
Malmesbury – Dr. Markus Fourie
Malmesbury – Drs. Bosman and Groenewald
Montagu – Dr. Trudie Prinsloo
Oudtshoorn – Dr. Glen Carlisle
Oudtshoorn – Dr. Adriaan Olivier

Piketberg – Dr. André van der Merwe
Plettenberg Bay – Dr. André Reitz
Plettenberg Bay – Drs. Nell and Tindall
Stellenbosch – Dr. Alfred Kidd
Swellendam – Drs. Malan and Venter
Wellington – Dr. William van Zyl

Northern Cape (8)

De Aar – Dr. Donald Anderson
Calvinia – Dr. Bertus Nel
Jan Kempdorp – Dr. Jan Brand
Kimberley – Drs. Van Heerden and Swart
Kuruman – Dr. Maike Ottermann
Kuruman - Dr. Lea Shuda
Kuruman – Dr. Gerhard van der Westhuizen
Upington – Drs. Vorster and Visser

Feedlots (1)

Drs. Morris and Du Preez

Laboratory reports (7)

Dr. Mark Chimes –Deltamune, Oudtshoorn
Dr. Marijke Henton - Vetdiagnostix, Johannesburg
Dr. Liza du Plessis – Idexx SA Onderstepoort
Dr. Lucy Lange – Pathcare, Cape Town
Dr. Alan Fisher – Queenstown Provincial laboratory
Dr. Rick Last – Vetdiagnostix, Pietermaritzburg
Dr. Emily Lane – National Zoological Gardens

Key Message

Brucellosis is a disease destroying the Livestock industry which can also be transmitted to Humans

Brucellosis is spreading unabated in a number of SA Provinces. The Department of Agriculture, Forestry and Fisheries together with industry's National Animal Health Forum are combining efforts in an action to control and eventually eradicate Brucellosis from South Africa. This will necessarily mean that all parties ie. Farmers, Livestock production organisations, DAFF and South African Veterinary Association through RuVASA practitioners will all have to be committed to this cause if progress is to be made over the next few years to bring Brucellosis under control.

The NAHF in conjunction with DAFF will be issuing press releases over the next few months to increase awareness of this disease among all stakeholders. We urge all media to become involved in our combined efforts to keep all parties well informed. We look forward to a fruitful relationship with the media and ask that you submit any queries to Marzanne Polydorou (admin@csvet.co.za).

Yours sincerely

Dr Pieter Vervoort (BVSc)

Chairman NAHF

Brucellosis control initiative of the National Animal Health Forum

VET - **V**accinate **E**ducate **T**est

Summary of disease report for August 2016

124 Reports from veterinary practices and laboratories were received (Mpumalanga (MP) 11; Gauteng (G) 9; Limpopo (L) 6; North West (10; Free State (FS) 24; KwaZulu-Natal (KZN) 17; Eastern Cape (EC) 13; Western Cape (WC) 18; Northern Cape (NC)8; Feedlots (FL) 1 and Laboratories (Lab)7).

Internal parasites

Numerous reports of internal parasite infestations were received from all provinces in spite of the drought. Beware if rain starts falling as many animals are in a poor condition and outbreaks of **wireworm** will cause severe losses. The presence of **brown stomach worm** (FS and WC), **resistant roundworms** (MP, G, and FS), **nodular worm** (NC) and **eye worm** (WC) were reported. Smallstock farmers should be aware of animals with signs of anaemia and bottle jaw. Visit the website www.wormx.info for more information on the FAMACHA system and Five point check.

Tapeworms were reported from MP, G, NW, FS, KZN and WC. Ruminants are infected with milk tapeworms when they ingest grass mites infected with measles (bladder containing tapeworm head).

Parafilaria infestations were reported from L, NW and KZN. This parasite cause false bruising and farmers incur losses at abattoirs as lesions in carcasses are trimmed.

Many animals that died due to PEM (**protein, energy deficiency**) syndrome had high **liver fluke** infestations, with a history of grazing around stagnant water sources. Be aware of clinical signs such as bottle jaw, weight loss and anaemia.

Conical fluke infestation causes severe diarrhoea leading to mortality. Reports were received from MP, FS, KZN, EC, WC and NC.

At abattoirs carcasses were condemned due to measles infestation. Training of farmworkers and the general public on how to prevent this zoonotic disease, is necessary.

External parasites

In spite of the drought the presence of ticks were reported from many parts of the country. To prevent large numbers of adult brown ear-ticks during summer, cattle should be treated in the winter. **Ticks** are the carriers of diseases such as **Asiatic** and **African red water, heartwater, anaplasmosis, lumpy skin disease** and also cause anaemia and wounds.

Consult treatment programmes with your veterinarian as **tick resistance** is rife. Choosing the correct active is a very important decision.

Lice infestations are a huge problem in the winter. Biting lice cause itching and wool damage occur. Animals are irritated and loose weight. Sucking lice suck blood and animals become anaemic.

Be aware of biting **insects, midges and mosquitoes!** They transmit numerous diseases and animals should be vaccinated in time against diseases such as blue tongue, lumpy skin disease, three day stiff sickness, Rift valley fever, Wesselsbron, African horse sickness and anaplasmosis.

Tick and insect transmitted diseases

The following reports were received: **African red water** (4 provinces), **Asiatic red water** (5 provinces), **Anaplasmosis** (8 provinces) and **Heartwater** (6 provinces).

As biting insects and tick populations increase diseases will increase in numbers and heavy losses may occur.

Discuss vaccination programmes with you veterinarian.

Venereal diseases

Trichomonosis – It is imperative that biosecurity measures should be observed at all times. Buying in one infected bull could mean that the calving percentage may drop up to 60 percent and lower! This serious venereal disease was reported from all provinces.

Bacterial diseases

The number one infectious disease in South Africa is brucellosis and an action plan driven by the Brucellosis steering committee of the National Animal Forum has published the following information. This information must be spread to all people in South Africa, please assist us in that!

5 core facts you should know about brucellosis

It is a herd disease! This is a disease that threatens the sustainability of livestock herds in South Africa. Animals that become infected, may take up to three years to react to tests but will remain a danger to cattle and people on the farm. If one animal in your herd tests positive for brucellosis, the whole herd is considered infected and can be placed under quarantine. This is due to the chronic (long term) nature of the disease and slow onset of symptoms caused by *Brucella* bacteria. Animals that tested negative at first, will often test positive on another round of tests. There is no cure and all cases must be reported to State Veterinary Services, as this is a controlled disease.

It affects your pocket! Cattle infected with brucellosis may abort, thus you lose potentially healthy calves and production. Calving intervals will increase, resulting in fewer calves born per cow per year. Milk production decreases, which means less milk for sale in dairy herds and a reduction in potential to produce a calf in beef herds. Infected calvings and abortions will contaminate the environment with millions of *Brucella* bacteria, exposing more of your animals to the disease.

You can buy in a disaster! Insist on only buying animals that come from herds that have tested negative for brucellosis in the last year. Insist on proof. Ideally, always quarantine newly acquired animals and test them again before mixing them with the rest of your herd. Be careful - don't ruin your farm and your future.

Your family and workers can get sick! *Brucella* bacteria can infect humans and cause fever, flu-like symptoms and chronic disease. Humans can get infected by assisting with infected calvings, handling infected placenta or abortions, drinking unpasteurised milk from infected animals and slaughtering infected animals at home. This disease can cause infertility in both men and women.

Vaccination is a must! It is legislated under the Animal Diseases Act, 1984 (Act No. 35 of 1984) that all heifer calves between 4-8 months must be vaccinated with a registered vaccine (S19 from OBP or RB51 from MSD). Vaccination strengthens your cows' immune response to the disease and protects your herd and your investment.

Compiled by the Brucellosis steering committee of the National Animal Health Forum

Vaccinate, Educate, Test (VET)

A dozen things you must know about bovine brucellosis

Brucellosis is not a simple disease and can destroy the productivity of your herd. Here are a dozen things that you must know about this disease.

Brucellosis is a Controlled Animal Disease in terms of the Animal Diseases Act, 1984 (Act No. 35 of 1984) and there is no treatment to cure it in cattle.

It is a herd disease. Thus, if one animal in the herd is infected the whole herd must be considered as potentially infected.

It is compulsory by law to vaccinate all heifers against brucellosis with a registered vaccine (see table 2 of the Animal Diseases Regulations). The available vaccines are S19 (OBP) or RB51 (MSD). Vaccination helps protect your herd from disease, reduces the spread of the disease and decreases the number of abortions.

The S19 vaccine may only be administered once in heifer calves between 4 and 8 months of age. If S19 is used at an older age the animal may persistently test positive on blood tests, causing confusion about the animal's disease status. The RB51 vaccine may be administered to non-pregnant heifers and cows at any age as it will not cause positive blood test results. Do not vaccinate bulls with S19 or RB51 as they may become sterile.

Pregnant heifers and cows infected with brucellosis may abort, resulting in reduced production in terms of number of calves weaned, total milk yield and prolonged calving intervals.

Cows and heifers infected with brucellosis often look healthy, which is misleading! If these animals remain in the herd, they continue to silently spread the infection which will cause severe economic and production losses.

The most important mode of transmission is when an infected animal calves normally or has an abortion, as this process releases millions of bacteria into the environment that can easily infect other animals.

Heifers that were born from infected cows often test negative before they have calved and only test positive after their first calf is born. Newly bought-in heifers pose a high risk and should ideally be kept separate from the rest of the herd until they have calved and have tested negative for brucellosis.

People can become infected with brucellosis by drinking unpasteurised milk, slaughtering an infected cow and handling infected birth material and aborted fetuses (calves). Human symptoms are flu-like with fever, headache and body aches. If a diagnosis is not made and appropriate treatment taken, it can become a chronic illness that continuously relapses. Meat from infected animals that are identified as positive and are slaughtered at certified abattoirs is safe for human consumption.

Brucella bacteria can also be spread through run-off water from infected neighbouring farms. Predators such as roaming dogs, jackals and crows may carry infected material (aborted foetus and afterbirths) between farms. Flies that feed on infected material may spread the bacteria mechanically when sitting on the mucous membranes of animals.

Owners are responsible for the health of their animals and may be prosecuted under the Animal Diseases Act, 1984 (Act No. 35 of 1984) and the Consumer Protection Act, 2008 (Act No. 68 of 2008) if they propagate the spreading of brucellosis.

The only person who can protect your cattle herd against brucellosis is YOU! When you are buying cattle, insist on vaccination records and recent negative herd tests of the farm of origin. The seller must be able to declare that the cattle are vaccinated and the herd of origin tested negative for brucellosis. The seller should be able to provide proof of regular negative herd tests results. It is always advisable to isolate any cattle bought into the herd for biosecurity reasons; to test for different diseases, to get vaccinations up to date and to treat against internal and external parasites.

For further information, please contact your state or private veterinarian.

Compiled by the Brucellosis steering committee of the National Animal Health Forum

Vaccinate, Educate, Test (VET)

The Carte Blanche programme on Brucellosis is still available on www.carteblanche.co.za

For additional information on Brucellosis in Afrikaans go to the following:

Besoek ook www.landbou.com

Klik op Indeks van antwoorde

Klik op Beeste

Klik op Siektes

Klik op Brusellose

Klik op die verskillende antwoorde

Numerous reports of **Blackquarter** were received. If animals were vaccinated and given a booster (calves) this would have been prevented!

Beware of **Botulism**. This disease caused by a deadly toxin could be present at any place, any time in South Africa. Be sure cattle are vaccinated. In some parts of the country this toxicity also occurs in small stock.

Johne's disease is spreading, make sure you know from whom you are buying sheep. Ask for a vendor's declaration!

Viral diseases

Mortalities due to Bovine Respiratory disease occurred in all provinces. There are very good vaccines available to prevent losses.

Bovine malignant catarrh (snotsiekte) is rife, make sure wildebeest and cattle are separated as "far as possible!"

Rabies: Numerous cases of **rabies**, a zoonotic disease, were reported. Be careful handling animals if they show strange behaviour. A six year old child died of this terrible disease. Make sure your dogs and cats are vaccinated.

Orf, a zoonosis, and **warts** were reported from most provinces.

The months ahead of us is going to be a big challenge for farmers due to lack of roughage for animals. Hopefully the rain will come early in spring. Our hearts go out to all farmers in drought stricken areas.

Summary of reports

Internal parasites

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

Internal parasites	MP	G	L	NW	FS	KZN	EC	WC	NC
Roundworms	x	x	x	x	x	x	x	x	x
Resistant roundworms	x	x			x				
Wireworm		x	x		x			x	
Brown stomach-worm					x			x	
Large-mouthed bowelworm									
Nodularworm		x							x
Lungworm									
Eyeworm								x	
<i>Parafilaria</i>			x	x		x			
Tapeworms	x	x		x	x	x		x	
Liver fluke	x			x	x	x		x	
Conical fluke	x				x	x	x	x	x
Cysticercosis (measles)	x	x		x	x				
Schistosomiasis (bilharzia)									
Coccidiosis	x	x	x		x	x	x	x	
Cryptosporidiosis									

In Beaufort West severe case of coccidiosis in goat kids: diarrhoea, weight loss, abortions and deaths.

External parasites

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

External parasites	MP	G	L	NW	FS	KZN	EC	WC	NC
Blue ticks	x	x	x	x	x	x	x	x	
Resistant blue ticks	x					x			
Heartwater ticks	x	x	x			x			
Brown ear-ticks			x			x		x	
Bont-legged ticks	x		x	x	x			x	x
Red-legged ticks				x	x	x			
Paralysis ticks						x			
Tampans									x
Biting lice				x	x			x	x
Sucking lice				x	x				x
Itch mites									
Sheep scab	x	x		x	x	x			x
Mange mites		x		x	x				
Nuisance flies	x					x			
Midges				x				x	x
Mosquitoes									
Blowflies					x			x	
Screw-worm			x						
Gedoeftia (uitpeuloogsiekte)									
Nasal bot					x				x

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	
Asiatic red water	x	x	x			x		x	
Anaplasmosis	x		x	x	x	x	x	x	x
Heartwater	x	x	x	x		x	x		
Lumpy skin disease				x					x
Corridor disease						x			
Theileriosis									

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	

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
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Lumpy skin disease				x					x
Ephemeral fever (Three day stiff sickness)				x		x			
Blue tongue					x				
Rift Valley Fever									
Wesselsbron						x			
Nagana						x			

Do not neglect vaccinating animals! As good rains are forecasted for the next season, plan now to order vaccines in time.

If good rains fall after a drought period one should be aware of the possibility of a Rift Valley Fever outbreak. Attached is information on this deadly disease.

Venerial diseases

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

Venereal diseases	MP	G	L	NW	FS	KZN	EC	WC	NC
Trichomonosis	x	x	x	x	x	x	x	x	x
Vibriosis	x		x	x	x	x			x
Pizzle disease									x
<i>Actinobacillus seminis</i>									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 and cows. 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
Anthrax									
Blackquarter	x	x	x	x	x	x	x		x
Botulism				x	x			x	
	MP	G	L	NW	FS	KZN	EC	WC	NC
Pulpy kidney	x				x	x	x	x	x
Lamb dysentery								x	
Swelled head					x			x	
Red gut (cattle)	x		x	x	x	x			

Rotavirus / Coronavirus									
Enzootic bovine leucosis (EBL)						X	X	X	
Sheep leucosis									
Jaagsiekte									
Orf	X		X	X	X	X		X	X
Warts	X	X	X	X	X	X		X	

In Vryburg rabies diagnosed in cattle, sheep and goat

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 the calving season, when calves are weaned and during the hunting season when they are stressed. A vaccine against snotsiekte is at present being tested and hopefully the dossier for registration will be completed before the end of the year.

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	X	X	X	X

Protozoal diseases

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

Toxicities

The following toxicities were reported by practices in the provinces:

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

Levamisole									
Tilmicosin									
Ionophor									
Hypo									

As grazing conditions become poorer, toxic plants are usually greener and farmers should be aware of these plants and which clinical signs are seen when they are eaten. Tulp toxicity was the major cause of deaths.

For further information on treatment of tulp and other poisonings visit:

www.landbou.com

Klik op Indeks van antwoorde

Klik op Beeste of Skape

Klik op Vergiftigings

Klik op die Opskrifte

Urea poisoning was on the increase which is due to a management problem.

Nutritional deficiencies

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

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

Micro-nutritional deficiencies

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

Deficiencies	MP	G	L	NW	FS	KZN	EC	WC	NC
Iodine									
Copper			x					X	
Zinc						x			
Selenium				x		x			x
Magnesium				x					
Manganese						x			
Vitamin A			x	x		x	x		x
Vitamin B 1							x		

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

With the drought and lack of proper grazing, mineral deficiencies will increase.

Supplement animals with vitamin A.

Multifactorial diseases and other conditions

The following conditions were reported by practices in the provinces

Multifactorial diseases and other conditions	MP	G	L	NW	FS	KZN	EC	WC	NC
Abortions	x	x	x	x	x	x	x	X	x
Stillbirths	x				x	x		X	
Abscesses	x	x	x	x	x	x	x	X	
Intestinal ulcers									
Bladder stones -urolithiasis	x	x				x		X	
Blindness						x			x
Bloat				x	x	x		X	
Blood gut (sheep)								X	
Blue udder	x	x		x	x	x		X	
Diarrhoea	x	x		x	x	x	x	X	
Epididymitis					x			X	
Eye cancer	x				x	x		X	
Eye infections	x	x	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	x
Navel ill					x	x	x	X	
Red gut (sheep, torsion of gut)								X	
Rectal prolaps									
Trauma		x			x				
Plastic bags (ingestion)									
Downer	x	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	x		
Displaced abomasums						x			
Ketosis		x			x		x	X	x
Milk fever		x			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	x
Endometritis					x	x		X	
Metritis	x			x	x	x	x	X	
Poor conception	x		x	x	x	x	x	X	
Retained afterbirth	x	x	x	x	x	x		X	
Sheath prolaps					x	x			
Uterine prolaps	x	x		x	x	x		X	
Vaginal prolaps	x	x		x	x	x			x
Penis injury									

The drought plays 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								X	
Frozen to death									
Heat stress									
Lightning									
Drought	x	x	x	x	x	x	x		x

Other conditions: Drug residues (WC); predators (MP, G, FS, KZN, NC); theft (G, FS, KZN, NC) and trauma (MP, NW)

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

Cradock – Ilse Jenkinson

Jan Kempdorp – Dr. Jan Brand
Karino – Dr. Silke Pfitzer
Lephalale – Dr. Brigitte Luck
Lichtenburg – Dr. Fritz Ras
Magaliesburg – Dr. Ryan Jeffrey
Malmesbury – Dr. Markus Fourie
Stutterheim – Dr. Dave Watermann
Vaalwater- Dr. Hampie van Staden

Ostriches

Western Cape

Oudtshoorn – Ostrimed

Condition	Comments
Bont legged-tick 3	After hot weather, huge explosion in tick activity. Same holds true for midges.
Nuisance flies -1	
Midges – 2	After hot weather, huge explosion in tick activity. Same holds true for midges.
Energy deficiency -3	Wet and cold with wind, severe chill factor. Lick “expensive” so birds are not receiving optimum feed during this time. Winter rainfall makes the environment look green and healthy. Al lot of deficiencies,
Diarrhoea – 3	Short flush on pastures, bought in animals not adapted to graze pasture. Suspect worms, lot of problems on irrigated pastures.
Cold exposure -3	Wet and cold with wind, severe chill factor

Equines

Mpumalanga

Delmas

Piroplasmosis (Babesiosis) – 2

Lungs – 2

Energy deficiency - 2

Gauteng

Pretoria – Pierre van Ryneveld

Theileriosis – 2

Ringworm- 1

Abortion – 1

Retained afterbirth – 1

Lungs – 1

Ophthalmia - 2

Nigel

Colic -2

Free State

Bethlehem

Colic – 1

Piroplasmosis (Babesiosis) – 1

Eastern Cape

Cradock

Piroplasmosis -1

Northern Cape

Kimberley

Piroplasmosis - 1

Game

Mpumalanga

Lydenburg

Resistant roundworms – 1

Lungs – G 1

Gauteng

Muldersdrift

Rabies – Jackal – 1, cat-1

Pretoria -Animavet

Bont tick - 3

Brown ear-tick – 2

Red gut – 1

Abscesses – 2

Pretoria – Pierre Van Ryneveld

Possible mycotoxin mortality -

Had an interesting case on Game farm where 2 sable cows had typical "stringhalt" gait/lameness. Clinical exam of one of the cows showed no abnormalities but the typical swinging gait was observed during walk and lameness during trot/run. Poor quality lucerne was fed (nothing else was available at that stage) and when we looked at the lucerne we found that most likely mycotoxins in the lucerne. Stopped this immediately. Gait slowly improved over the next 4-6 weeks.

Limpopo

Mokopane

Severe protein and energy deficiencies – Buffalo herd – young animals die of cachexia. Not enough space at feeding area, they are pushed away.

Polokwane

Blackleg –2

Lungs -2

Abscesses - 1
Capture myopathy- 1

North West

Klerksdorp

Intestinal roundworms – 3
Blue ticks -2
Bont-legged ticks – 2
Red-legged ticks – 3
Sarcoptes mites -1
Energy deficiency – 2
Diarrhoea - 2
Lungs -3 – Nyala deaths
Trauma - 2

Lichtenburg

Rabies – 2 (jackal)

KwaZulu-Natal

Pongola

Protein deficiency – 3 (drought)
Energy deficiency – 3 (drought)
Vitamin A deficiency – 3
Most game farmers are dependent on feeding at great expense

Underberg

Tampans – Buffalo – 2
Rabies – Jackal -2

Eastern Cape

Humansdorp

Capture myopathy – Wildebeest – 1
Cold exposure – Wildebeest -1

Western Cape

Plettenberg Bay

Coccidiosis – 2- Springbuck
Capture myopathy – 2- Springbuck, impala

Northern Cape

Colesberg

Systemic fungal mycosis – Rhinoceros – 1
Capture myopathy – two buffalo deaths

Kimberley

Dystocia – 1-Roan
Acidosis – 1 – Roan
Cardiomyopathy – 1 – Unknown cause, in 12 year old sable. Numerous histopathological lesions.
Pneumonia – 2 - Sables
Severe necrotic subcutaneous lesions and muscle inflammation
Abscess- 1-Lynx

Upington

Stress – Due to capture – springbuck and gemsbok, many mortalities

Swine

Gauteng

Nigel

Deaths

Onderstepoort Veterinary Hospital

Coccidiosis – 3

Eastern Cape

Humansdorp

Gastric ulcer – 1

Dogs

Free State

Ladybrand

Rabies – Dog - 1

Monthly report on Livestock and Wildlife isolations for August 2016 from Vetdiagnostix –Microbiology Laboratory, supplied by dr. Marijke Henton (henton@vetdx.co.za)

August was a quiet month. There were only 4 cases of bovine respiratory infection. Two yielded *Mannheimia haemolytica*, and the other two *Histophilus somni*. Enteritis was caused by *Salmonella* Dublin, *Salmonella* Typhimurium and *E. coli*. There were two cases of *Campylobacter fetus* abortion, and one of *Brucella abortus*.

Hoof infections yielded a combination of *Trueperella pyogenes* and the anaerobes, *Prevotella* and *Porphyromonas*. Mastitis yielded *Staphylococcus aureus*, *S. pseudintermedius* and *Streptococcus dysgalactiae*. One of the *S. aureus* isolates was MRSA [Methicillin Resistant Staphylococcus Aureus] positive, which means that the bacterium is resistant to all penicillins and cephalosporins.

Corynebacterium pseudotuberculosis caused septicaemia in a sheep.

Pneumonia in pigs was caused by *Pasteurella multocida*, which was combined with *Trueperella pyogenes* in one case, as well as a single case of *Actinobacillus rossii*, which only occurs sporadically. Other pneumonia cases were due to *Klebsiella pneumoniae* and *Streptococcus dysgalactiae* [*equisimilis*]. Chronic arthritis in pigs was associated with *Mycoplasma*.

Samples from horses were from the respiratory tract. *Klebsiella pneumoniae* was isolated from bronchi, and nasal discharges yielded *Streptococcus zooepidemicus*, *S. dysgalactiae* and the anaerobe, *Prevotella*.

Clostridium novyi was associated with clostridial myositis in a giraffe and a springbuck. A buffalo with suspected Haemorrhagic Septicaemia yielded *Pasteurella multocida*, which is being typed at Onderstepoort.

Staphylococcus felis, which causes infections in cats, was isolated from the skin of a cheetah, and another cheetah, which had ringworm, yielded *Trichophyton mentagrophytes*.

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

Condition	Comments and Specie
Heartwater	B 1
Pulpy kidney	O1
Tuberculosis	G 2
<i>E .coli</i>	P2
Orf	C1
Protein deficiency	G3
Ink berry	B1
Navell ill	G1
Lungs	B,O,G1
Diarrhoea	G3
Capture myopathy	G1
Trauma	G1

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

Sheep feedlots

Cases of pneumonia and animals with protein and energy deficiencies were the most common problem.

A few cases of pulpy kidney, foot abscess and diarrhea occurred.

Eye infections and wireworm infestations were on the increase.

A few cases of acidosis and blood gut were seen.

Cattle feedlots

Blue ticks and red-legged ticks were seen as well as a few heartwater ticks

Lice infestations were a common occurrence.

Liver fluke and communal fluke infestations were seen at abattoirs.

Many cases of measles were seen.

Pneumonia, acidosis and red gut caused the most mortalities.

A few cases of the following were seen:

Anaplasmosis, warts, ringworm, blackquarter, ophthalmia, foot rot, abscesses, and traumatic reticulitis (wire protruding from the reticulum).

Fly populations on the increase becoming a menace.

At a feedlot black tar poles were used for repair of kraals and a number of cattle had skin allergies. Oedema (swelling) of the skin with hair loss mostly on the ventral parts of the body, between the hind legs. The more they itched, the more they scratched themselves against the poles and the condition increased in severity. Animals had to be removed in time if itching commenced. Creosote seems to be the allergen. Skin biopsy confirmed an allergen caused the skin condition.

Monthly report for July 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 Genga, Dr Rick Last

LIVESTOCK DISEASE SURVEILLANCE			
LIVESTOCK SPECIES	DISEASE AGENT	NO. CASES	LOCATION
Bovine, Bulls	<i>Tritrichomonas foetus</i>	14	Bergville, KZN
Bovine, Bulls	<i>Tritrichomonas foetus</i>	9	Dundee, KZN
Bovine, Calves	Cryptosporidiosis	1	Mooi River, KZN
Bovine, Aborted fetuses	Brucellosis	2	Matatielle, E. Cape
Ovine, Adult	Oxalate poisoning	2	Ceres, W Cape
Porcine, Growers	<i>Trueperella pyogenes</i> respiratory disease complex	4	Camperdown, KZN
Bovine, Aborted Fetus	Hyperplastic goitre	1	East Griqualand, KZN
Bovine, Beef Weaner	Heartpluck Clostridia	1	Kokstad, KZN
Bovine, Bulls	<i>Tritrichomonas foetus</i>	3	Bergville, KZN
Bovine, Cow	Bovine herpes virus mamillitis (BHV-2)	1	Humansdorp, E Cape

WILDLIFE DISEASE SURVEILLANCE			
WILDLIFE SPECIES	DISEASE AGENT	NO. CASES	LOCATION
Buffalo, Cow	Acute Respiratory Distress Syndrome	1	Harrismith, Free State
Roan Antelope, Adult	Proliferative bronchopneumonia	1	Polokwane, Limpopo
Roan Antelope, Neonate	Neonatal embolic bacterial septicaemia	1	Rooiberg, Limpopo
Buffalo, Cow	<i>Pasteurella multocida</i> (hemorrhagic septicaemia?)	1	Modimole, Limpopo
Sable Antelope, Cow	Fibropapilloma (sarcoïd)	1	Rooiberg, Limpopo
Sable Antelope, Cow	<i>Ricinus communis</i> (Castor oil plant) poisoning	1	Estcourt, KZN
Gemsbok, Bull	Low amp electrocution (electric fence)	1	Rooiberg, Limpopo
Wildebeest, Subadult Female	Infectious necrotic hepatitis (clostridial hepatitis)	1	Hluhluwe, KZN
Impala, Subadult Male	Suspected yersiniosis	1	Humansdorp, E. Cape
Buffalo, Adult Cow	Vitiligo	1	Oudtshoorn, W Cape
Impala, Black Adult Female	Toxic hepatitis	1	Kroondal, Limpopo
Impala, Black Ram	Intestinal zygomycosis	1	Rooiberg, Limpopo

Monthly report for August 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		B, O 3
Liver fluke		O1
Cysticercosis		B,O,C 2
Biting lice (<i>Damalinia ovis</i>)		O1
Heartwater	Cofimvaba	O,C3
Swelled head (<i>Clostridium novyii</i>)		B1
Pulpy kidney		O 1
Lungs		O1
Coccidiosis		O,C 3 Very high counts (155,000 to 450,000 oocysts per gram) in faecal egg counts and numerous deaths in young lambs and kids after snow and rain early in August. Compounded by poor nutritional status, mismothering, exposure
Protein deficiency		O,1 – acidosis
Calcium deficiency		O, 1 grass staggers
Energy deficiency		O 3
Selenium toxicity		O,1 – Selenium excess- overdosage of bovine multimineral drug
Rabies	Tsolo Ncobo Maclear Cofimvaba Dutywa Tsolo	C7, O1, B3, C6 Canine, 6 cases Canine, 3 cases Canine, 2 cases Sheep, 1 case Cattle, 2 cases Cattle, one case

	Mnqanduli	Cattle, one case
Cold exposure		O,C3 – ten post mortems MME (Malnutrition, mismothering, Exposure)

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 August 2016 from Dr. Lucy Lange: PathCare Vetlab

lange@pathcare.co.za

Disease condition	Specie
Bovine malignant catarrh (snotsiekte)	Cattle
Cryptosporidiosis	Cattle
Necrobacillosis	Cattle
Trichomonosis	Cattle
Vibriosis	Cattle
Brucellosis	Cattle
Lungs	Horses
Sarcoid	Horses
Papillomatosis	Horses
Squamous cell carcinoma	Horses
Necrobacillosis	Sheep
Hepatotoxicosis	Sheep
Bacterial meningitis	Sheep
White muscle disease	Sheep
Internal parasites	Sheep
Coccidiosis	Goats
Pulpy kidney	Goats
Oxalate toxicity	Goats
Neonatal septicemia	Goats
Septicemia	Swine

Nephrosis –plants?	Game
Lungworm	Game
Coccidiosis	Blue wildebeest
Hepatotoxins	Numerous game
Theileriosis	Sable
Septicemia	Young game
Transport myopathy	Numerous species
Pasteurellosis	Buffalo

Bacterial cases: many *E. coli* infections in young animals, pasteurellosis, mastitis caused by *E. coli* and *Pseudomonas*.

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

Disease condition	Specie
Mastitis	B 3
Trichomonosis	B 2
Liver fluke	Dairy 2

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

Report from Dr. Emily Lane Wildlife Pathology Research Programme

26th August 2016

DAFF
 Import/Export Policy Unit Subdirector

Monthly report:

Cases sent to referring veterinarians between 22nd July and 26th August 2016

Cases from State vet Skukuza or Orpen (none since service suspended while I am on study leave)

Cases imported with master permit and CITES permits (none)

PMDate	Species	Final	PM No
12-Jul-16	Lion	Normal gastric mucosa	16Z112B
12-Jul-16	Lion	Normal gastric biopsies	16Z113B
12-Jul-16	Lion	Normal gastric mucosa	16Z114B
21-Jul-16	African Black Footed Cat	Suspected feline immunodeficiency virus infection	16Z115
28-Jul-16	Cheetah	Renal glomerulosclerosis, fibrosis and amyloidosis	16Z116

DISEASE DISTRIBUTION REPORT AS REPORTED BY VETERINARIANS

Table of Contents

<u>Internal Parasites</u>	Roundworms in general , Resistant Round Worms , Wireworm , Brown stomach-worm , Nodular worm , Eye worm (<i>Thelazia rhodesii</i>) , Tape Worms , Parafilaria , Liver fluke , Conical Flukes , Cysticercosis
<u>External Parasites</u>	Blue ticks , Resistant blue Ticks , Heartwater (Bont) ticks , Brown ear-ticks , Bont-legged ticks , Red-legged ticks , Paralysis ticks , Biting lice (red lice) , Sucking lice (blue lice) , Scab mites , Mange Mites , Nuisance Flies , Blowflies , Screw-worm , Nasal bot larvae , Midges , Tampans
<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 , Wesselsbron disease , Blue tongue , Nagana
<u>Venereal Diseases</u>	Actinobacillus seminis , Trichomonosis , Vibriosis , Pizzle disease
<u>Bacterial Disease (other)</u>	Blackquarter , Botulism , Pulpy Kidney , Lamb dysentery , Swelled head disease , Redgut (cattle) , Blood gut (Sheep) , Tetanus , Salmonellosis , Brucella abortus , Brucella ovis , Johnes` disease , E.coli , Enzootic Abortion , Intrauterine Gangrene , Bovine Dermatophilosis (Senkobo disease) , Other

Protozoal diseases (other)	Coccidiosis
Fungal diseases	Ringworm
Viral Diseases (other)	BMC , Rabies , BVD (Bovine viral diarrhoea) , IBR (Infectious bovine rhinotracheitis) , Enzootic Bovine Leucosis (EBL) , Orf , Warts
Poisonings (Plant) and Fungal	Cardiac glycoside poisoning , Cestrum , Cynanchum poisoning , Facial eczema , Geeldikkop/Dikoor , Gifblaar , Lantana , Prussic acid poisoning , Seneciosis , Tulip Poisoning , Other
Poisonings	Urea Poisoning , Snake Bite , Blue-green algae , Chemical products , Other
Macro Nutritional Problems	Energy deficiency , Protein deficiency , Phosphate deficiency , Calcium deficiency
Micro Nutritional Problems	Copper deficiency , Zinc deficiency , Selenium deficiency , Magnesium deficiency , Manganese deficiency , Vitamin A deficiency , Vitamin B deficiency
Multi-factorial Disease Conditions	Abortions , Stillbirths , Abscesses , Abscesses in general , Bladder stones , Blindness , Bloat , Blood gut (sheep and goat) , Blue udder , Diarrhoea , Epididymitis , Eye Cancer , Eye infections , Joint Ill , Lameness/Foot Problems , Lung infection , Mastitis in general , Navel Ill , Redgut (Sheep) , Trauma , Downer , Other
Metabolic Diseases	Acidosis , Displaced abomasum , Ketosis , Milk Fever
Reproductive diseases	Dystocia (Difficult Births) , Endometritis , Metritis , Poor conception , Retained afterbirth , Sheath Prolaps , Uterus prolaps , Vaginal (Cervical) prolaps
Climatical Cause	Cold exposure , Drought
Residues	Drug residues
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	3.0 (2)	1.5 (4)	1.0 (2)	1.0 (1)	2.1 (8)	1.7 (3)	2.0 (4)	1.9 (8)	3.0 (1)

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

Beef						2.0 (1)	2.0 (1)		
Dairy								1.0 (1)	
Sheep	3.0 (1)	1.5 (4)	1.0 (1)	1.0 (1)	2.1 (8)		2.0 (2)	2.2 (5)	3.0 (1)
Goat	3.0 (1)		1.0 (1)			1.5 (2)	2.0 (1)	1.5 (2)	

Mpumalanga

Delmas, Rietkol Veterinêre spreekkamer

Sheep: 3, Goat: 3

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 2

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 1

Pretoria, Pierre van Ryneveld Dierekliniek

Sheep: 1

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Sheep: 1, Goat: 1

North West

Lichtenburg, Dr CM Kruger-Rall

Sheep: 1

Free State

Bloemfontein, Dr Stephan Wessels

Sheep: 3

Bothaville, Cape Cross Bothaville Veterinary Hospital

Sheep: 1

Clocolan, Clocolan Dierekliniek

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 2

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

Reitz, Froneman Veterinary Practice

Sheep: 3

Viljoenskroon, Viljoenskroon Dierekliniek

Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 1

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Goat: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2, Goat: 2

Humansdorp, Humansdorp Veterinary Clinic

Beef: 2

Uitenhage, Uitenhage Dierehospitaal

Sheep: 2

Western Cape

Caledon, Caledon Dierekliniek

Goat: 1

Caledon, Overberg Veterinary Hospital

Sheep: 2

George, George Animal Hospital

Sheep: 2, Goat: 2

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 3

Oudtshoorn, Oudtshoorn Dierekliniek

Sheep: 2

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Wellington, Wellington Dierehospitaal

Sheep: 2

Northern Cape**Kathu, Kathu Dierekliniek**

Sheep: 3

Resistant Round Worms

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

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

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

Mpumalanga**Delmas, Rietkol Veterinêre spreekkamer**

Sheep: 3, Goat: 3

Gauteng**Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 2

Free State**Bloemfontein, Dr Stephan Wessels**

Sheep: 3

Hoopstad, Hoopstad Dierekliniek

Sheep: 2

Wireworm

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)	3.0 (3)		1.6 (5)			3.0 (1)	

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

Beef			3.0 (1)						
Sheep		1.0 (1)	3.0 (1)		1.6 (5)			3.0 (1)	
Goat			3.0 (1)						

Gauteng**Pretoria, Dr Rosaly Steyn (LNR) CSS vet**

Sheep: 1

Limpopo**Makhado, Blouberg Dierekliniek**

Beef: 3, Sheep: 3, Goat: 3

Free State

Clocolan, Clocolan Dierekliniek

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 2

Memel, Memel Veterinary Clinic

Sheep: 1

Reitz, Riemland Dierehospitaal

Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 1

Western Cape**George, George Animal Hospital**

Sheep: 3

Brown stomach-worm

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

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

Sheep					1.0 (1)			3.0 (1)	
Goat								1.0 (1)	

Free State**Bothaville, Cape Cross Bothaville Veterinary Hospital**

Sheep: 1

Western Cape**Caledon, Caledon Dierekliniek**

Goat: 1

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 3

Nodular worm

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

Sheep		1.0 (1)							
Goat									2.0 (1)

Gauteng**Bronkhorstspuit, Kerkstraat Dierekliniek**

Sheep: 1

Northern Cape**Kuruman, Lea Shuda CSS Vet**

Goat: 2

Eye worm (*Thelazia rhodesi*)

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

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

Sheep								1.0 (1)	
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Western Cape

Wellington, Wellington Dierehospitaal

Sheep: 1

Tape Worms

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

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

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

Mpumalanga

Middelburg, Middelburg Dierehospitaal

Sheep: 1

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Goat: 1

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Free State

Bloemfontein, Dr Stephan Wessels

Sheep: 3

Ficksburg, Oosvrystaat Diere Produkte

Sheep: 2

Reitz, Riemland Dierehospitaal

Sheep: 2

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Goat: 1

Pongola, Pongola Animal Clinic

Beef: 1

Underberg, Underberg Veterinary Surgery

Sheep: 2

Western Cape

George, George Animal Hospital

Sheep: 2

Parafilaria

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)			

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)			
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Limpopo

Mokopane, Dr Henk Visser

Beef: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 1

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Pietermaritzburg, Dr Rick Mapham Consultancy

Beef: 2

Liver fluke

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)			1.0 (1)	1.7 (6)	2.7 (3)		1.6 (5)	

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

Beef	2.0 (1)			1.0 (1)	2.0 (3)	2.7 (3)		1.7 (3)	
Dairy								1.5 (2)	
Sheep	2.0 (1)				1.3 (3)				

Mpumalanga

Standerton, Econovet

Beef: 2, Sheep: 2

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 1

Free State

Ficksburg, Oosvrystaat Diere Produkte

Sheep: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Vrede, Saulshoek Dierepark

Beef: 2

Vrede, Vrede Dierehospitaal

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Beef: 2

Ingogo, Gen XY Stud Beef Consultancy

Beef: 3

Newcastle, Ncanduvet Newcastle

Beef: 3

Western Cape**Caledon, Caledon Dierekliniek**

Beef: 2

Caledon, Overberg Veterinary Hospital

Beef: 1

George, Deltamune

Dairy: 2

Stellenbosch, Stellenbosch Animal Hospital

Beef: 2, Dairy: 1

Conical Flukes

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

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

Beef	1.5 (2)				1.8 (6)	1.0 (1)		2.0 (1)	2.0 (1)
Dairy							2.0 (1)		
Sheep					2.0 (1)				
Goat								2.0 (1)	

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 1

Standerton, Econovet

Beef: 2

Free State**Clocolan, Clocolan Dierekliniek**

Beef: 2

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 1

Reitz, Riemland Dierehospitaal

Beef: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Vrede, Vrede Dierehospitaal

Beef: 2, Sheep: 2

Winburg, Winburg Dierekliniek

Beef: 3

Kwazulu-Natal**Newcastle, Ncanduvet Newcastle**

Beef: 1

Eastern Cape**Alexandria, Alexandria Platteland Spreekkamer**

Dairy: 2

Western Cape

George, George Animal Hospital

Beef: 2, Goat: 2

Northern Cape**Colesberg, Karoo Veterinary Hospital**

Beef: 2

Few cases

Cysticercosis

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

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

Beef	3.0 (1)	3.0 (1)		2.0 (1)	1.0 (2)				
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Mpumalanga**Nelspruit, Nelspruit Animal Hospital**

Beef: 3

Abattoir inspections

Gauteng**Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 3

North West**Vryburg, Vryburg Dierehospitaal**

Beef: 2

Free State**Kroonstad, Kroonstad Dierehospitaal**

Beef: 1

Reitz, Riemland Dierehospitaal

Beef: 1

External Parasites**Blue ticks**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (3)	2.0 (1)	2.0 (2)	1.0 (2)	2.2 (5)	1.8 (5)	1.7 (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 (3)	2.0 (1)	2.0 (2)	1.0 (2)	2.0 (4)	2.0 (3)	1.5 (2)	3.0 (2)	
Dairy						1.5 (2)		3.0 (2)	
Sheep					3.0 (1)		2.0 (1)	2.0 (1)	

Mpumalanga**Balfour, Balfour Dierkliniek**

Beef: 2

Delmas, Rietkol Veterinêre spreekkamer

Beef: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Gauteng**Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 2

Limpopo**Mokopane, Dr Henk Visser**

Beef: 2

Polokwane, Pietersburg Veterinary Clinic

Beef: 2

North West**Klerksdorp, Klerksdorp Dierehospitaal**

Beef: 1

Lichtenburg, Dr CM Kruger-Rall

Beef: 1

Free State**Hoopstad, Hoopstad Dierekliniek**

Beef: 3, Sheep: 3

Memel, Memel Veterinary Clinic

Beef: 1

Vrede, Saulshoek Dierpraktyk

Beef: 2

Winburg, Winburg Dierekliniek

Beef: 2

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

Beef: 2

Dundee, Endumeni Herd health

Beef: 2

Ingogo, Gen XY Stud Beef Consultancy

Beef: 2

Mooi River, Mooirivier Vet Clinic

Dairy: 2

Underberg, Underberg Veterinary Surgery

Dairy: 1

Eastern Cape**Aliwal North, Hertzogbrug Dierekliniek**

Beef: 2, Sheep: 2

Humansdorp, Humansdorp Veterinary Clinic

Beef: 1

Western Cape**George, George Animal Hospital**

Beef: 3, Dairy: 3

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 3, Sheep: 2

Plettenberg Bay, Plettenberg Bay A Reitz

Beef: 3

Resistant blue Ticks

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

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

reported

Beef	2.0 (1)					2.0 (1)			
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Mpumalanga

Delmas, Rietkol Veterinêre spreekkamer

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Heartwater (Bont) ticks

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	2.0 (2)	3.0 (2)	2.0 (1)			2.2 (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	2.0 (1)	3.0 (1)	2.0 (1)			2.0 (2)			
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Dairy						3.0 (1)			
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Sheep		3.0 (1)							
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Goat	2.0 (1)					2.0 (2)			
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Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 2, Goat: 2

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Beef: 3, Sheep: 3

Limpopo

Mokopane, Dr Henk Visser

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2, Dairy: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Pongola, Pongola Animal Clinic

Goat: 2

Brown ear-ticks

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

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

Polokwane, Pietersburg Veterinary Clinic

Beef: 2

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

Sheep: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Western Cape**Oudtshoorn, Ostrimed**

Beef: 3

After hot weather, huge explosion in tick activity. Same holds true for midges.

Bont-legged ticks

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)		3.0 (3)	2.7 (3)	2.5 (10)			3.0 (1)	2.0 (1)

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

Beef	1.0 (1)		3.0 (1)	2.7 (3)	2.2 (6)			3.0 (1)	
Dairy					3.0 (1)				
Sheep			3.0 (1)		3.0 (2)				2.0 (1)
Goat			3.0 (1)		3.0 (1)				

Mpumalanga**Middelburg, Middelburg Dierehospitaal**

Beef: 1

Limpopo**Polokwane, Pietersburg Veterinary Clinic**

Beef: 3, Sheep: 3, Goat: 3

North West**Christiana, Christiana Dierehospitaal**

Beef: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State**Clocolan, Clocolan Dierekliniek**

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

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

Memel, Memel Veterinary Clinic

Beef: 1

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2

Winburg, Winburg Dierekliniek

Beef: 2

Western Cape**Oudtshoorn, Ostrimed**

Beef: 3

After hot weather, huge explosion in tick activity. Same holds true for midges.

Northern Cape

De Aar, De Aar Veterinary Clinic

Sheep: 2

Red-legged ticks

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				2.5 (2)	2.4 (7)	2.0 (1)			

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

Beef				2.5 (2)	2.5 (4)				
Dairy						2.0 (1)			
Sheep					2.3 (3)				

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Memel, Memel Veterinary Clinic

Beef: 3, Sheep: 2

Vrede, Saulshoek Diereparktyk

Beef: 2, Sheep: 2

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Mooi River, Mooirivier Vet Clinic

Dairy: 2

Paralysis ticks

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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Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Sheep: 2

Biting lice (red lice)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (2)	2.7 (10)			2.2 (6)	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 (2)	2.8 (5)			2.0 (3)	
Dairy								2.0 (1)	
Sheep					2.6 (5)			2.5 (2)	3.0 (1)

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Lichtenburg, Dr CM Kruger-Rall

Beef: 3

Free State

Bloemfontein, Dr Stephan Wessels

Sheep: 3

Clocolan, Clocolan Dierekliniek

Beef: 3

Dewetsdorp, Platkop Dierekliniek

Beef: 2

Ficksburg, Oosvrystaat Dier Produkte

Sheep: 3

Severe outbreaks. Remember injectable macrocyclic lactones are not effective

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Kroonstad, Kroonstad Dierehospitaal

Sheep: 3

Reitz, Froneman Veterinary Practice

Beef: 3

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Vrede, Saulshoek Dierpraktyk

Sheep: 2

Western Cape

Beaufort West, Beaufort West State Vet

Beef: 2

Moderate temperatures favourable for the development of the condition. Clients advice to dip animals twice 7 days apart

Sheep: 3

Single farm with severe infection (more than 200) in Merino flock

Caledon, Overberg Veterinary Hospital

Sheep: 2

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Malmesbury, Dr Otto Kriek

Beef: 2

Stellenbosch, Stellenbosch Animal Hospital

Beef: 2

Northern Cape

Calvinia, Calvinia Veeartskliniek

Sheep: 3

Sucking lice (blue lice)									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (2)	3.0 (3)				2.0 (1)

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

Beef				3.0 (2)	3.0 (3)				2.0 (1)
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North West

Christiana, Christiana Dierhospitaal

Beef: 3

Leeudoringstad, Leeudoringstad Dierkliniek

Beef: 3

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 3

Clocolan, Clocolan Dierkliniek

Beef: 3

Viljoenskroon, Viljoenskroon Dierkliniek

Beef: 3

Northern Cape

Kuruman, Kuruman Dierkliniek

Beef: 2

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

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

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

Delmas, Rietkol Veterinêre spreekkamer

Sheep: 2

Gauteng

Bapsfontein, Bapsfontein Dierhospitaal

Sheep: 2

North West

Christiana, Christiana Dierhospitaal

Sheep: 1

Free State

Smithfield, Freestate Smithfield SV

Sheep: 1

One outbreak

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

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

Sheep: 2

Northern Cape**Calvinia, Calvinia Veeartskliniek**

Sheep: 3

Mange Mites

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

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

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

Gauteng**Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 1, Goat: 2

North West**Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 3

Free State**Memel, Memel Veterinary Clinic**

Sheep: 3

Reitz, Riemland Dierehospitaal

Beef: 2

Nuisance Flies

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

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 2, Sheep: 2, Goat: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 2, Dairy: 2, Goat: 2

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

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

Free State**Winburg, Winburg Dierekliniek**

Sheep: 2

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

Sheep: 2

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

Limpopo**Mokopane, Dr Henk Visser**

Beef: 2

Nasal bot larvae									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					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									
Sheep					1.7 (3)				3.0 (1)

Free State**Reitz, Riemland Dierehospitaal**

Sheep: 2

Vrede, Vrede Dierehospitaal

Sheep: 2

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Northern Cape**Calvinia, Calvinia Veeartskliniek**

Sheep: 3

Midges

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

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

North West**Christiana, Christiana Dierhospitaal**

Beef: 2

Western Cape**Oudtshoorn, Ostrimed**

Sheep: 2

After hot weather, huge explosion in tick activity. Same holds true for midges.

Northern Cape**Upington, Upington Veterinary Clinic**

Sheep: 1

Farmers reporting a few cases

Tampans

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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Northern Cape**Kuruman, Lea Shuda CSS Vet**

Beef: 2

Tick-borne Diseases**African red water**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)				1.3 (3)	1.6 (7)		2.0 (2)	

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

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

Mpumalanga

Delmas, Rietkol Veterinêre spreekkamer

Beef: 2

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Dairy: 1

Clocolan, Clocolan Dierekliniek

Beef: 2

Vrede, Vrede Dierehospitaal

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Dundee, Endumeni Herd health

Beef: 2, Dairy: 1

Estcourt, Estcourt Vet Clinic

Beef: 1

Ingogo, Gen XY Stud Beef Consultancy

Beef: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Underberg, Underberg Veterinary Surgery

Dairy: 2

Western Cape

George, George Animal Hospital

Dairy: 3

Oudtshoorn, Oudtshoorn Dierekliniek

Beef: 1

Asiatic red water [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)	2.0 (1)	2.0 (1)			2.2 (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	1.7 (3)	2.0 (1)	2.0 (1)			2.3 (4)			
Dairy						2.0 (2)		1.0 (1)	

Mpumalanga

Delmas, Rietkol Veterinêre spreekkamer

Beef: 2

Middelburg, Middelburg Dierehospitaal

Beef: 1

Piet Retief, Pets Vet Hospital

Beef: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2

Limpopo**Makhado, Blouberg Dierekliniek**

Beef: 2

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

Beef: 2

Dundee, Endumeni Herd health

Beef: 2, Dairy: 1

Eshowe, Eshowe Veterinary Hospital

Beef: 3

Speculation cattle

Greytown, Greytown Veterinary Hospital

Beef: 2

Two, six week old calves

Underberg, Underberg Veterinary Surgery

Dairy: 3

Western Cape**George, George Animal Hospital**

Dairy: 1

Anaplasmosis

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (3)		1.0 (1)	2.0 (1)	1.4 (7)	1.8 (5)	1.3 (3)	1.7 (3)	2.0 (1)

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

Beef	2.0 (3)		1.0 (1)	2.0 (1)	1.4 (5)	1.3 (3)	1.5 (2)	2.0 (1)	2.0 (1)
Dairy					1.5 (2)	2.5 (2)	1.0 (1)	1.5 (2)	

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 2

Piet Retief, Pets Vet Hospital

Beef: 2

Standerton, Econovet

Beef: 2

Limpopo**Bela Bela, Artemis Veterinary Services**

Beef: 1

North West**Christiana, Christiana Dierehospitaal**

Beef: 2

Free State**Bothaville, Cape Cross Bothaville Veterinary Hospital**

Dairy: 1

Clocolan, Clocolan Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Parys, Parys Dierehospitaal

Beef: 1

Reitz, Riemland Dierehospitaal

Dairy: 2

Vrede, Saulshoek Dierepraktyk

Beef: 2

Vrede, Vrede Dierehospitaal

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Bergville, Tugela Vet Clinic

Beef: 1

Dundee, Endumeni Herd health

Dairy: 2

Estcourt, Estcourt Vet Clinic

Beef: 1

Underberg, Underberg Veterinary Surgery

Dairy: 3

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 1

Cradock, Cradock Veterinary Clinic

Beef: 1

Humansdorp, Humansdorp Veterinary Clinic

Beef: 2

Western Cape

Caledon, Overberg Veterinary Hospital

Beef: 2

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Plettenberg Bay, Plettenberg Bay A Reitz

Dairy: 1

Northern Cape

Kuruman, Kuruman Dierekliniek

Beef: 2

Heartwater

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.8 (5)	2.0 (5)	1.0 (1)		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 (2)	2.0 (3)	1.0 (1)		1.8 (5)			
Dairy							1.0 (1)		
Sheep	1.0 (1)	2.0 (2)	2.0 (1)			3.0 (1)			
Goat		1.0 (1)	2.0 (1)			2.0 (2)			

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Sheep: 1

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Beef: 2, Sheep: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 2, Sheep: 2, Goat: 1

Limpopo
Makhado, Blouberg Dierekliniek
Beef: 3
Mokopane, Dr Henk Visser
Beef: 1
Polokwane, Pietersburg Veterinary Clinic
Beef: 2, Sheep: 2, Goat: 2
North West
Brits, Brits Dierekliniek
Beef: 1
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 1
Eshowe, Eshowe Veterinary Hospital
Sheep: 3
Estcourt, Estcourt Vet Clinic
Beef: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2
Pongola, Pongola Animal Clinic
Beef: 2, Goat: 2
Kids born in late summer are mostly contracting heartwater
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 1

Sweating Sickness [^](#)

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

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

Beef				2.0 (1)				1.0 (1)	
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North West
Christiana, Christiana Dierehospitaal
Beef: 2
Western Cape
Stellenbosch, Stellenbosch Animal Hospital
Beef: 1

Corridor disease [^](#)

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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Kwazulu-Natal**Underberg, Underberg Veterinary Surgery**

Beef: 3

Insect Transmittable Diseases**Lumpy skin disease**

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

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

Beef				1.0 (1)					2.0 (2)
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North West**Rustenburg, Bergbos Dierekliniek**

Beef: 1

Northern Cape**Kuruman, Kuruman Dierekliniek**

Beef: 2

Kuruman, Lea Shuda CSS Vet

Beef: 2

Three-day-stiffsickness

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

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

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

North West**Klerksdorp, Klerksdorp Dierehospitaal**

Beef: 1

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

Beef: 3, Sheep: 3, Goat: 2

Wesselsbron disease

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

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

Sheep 1.0 (1)

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Sheep: 1

Blue tongue

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

Sheep 1.0 (1)

Free State

Bethlehem, Bethlehem Animal Hospital

Sheep: 1

Nagana

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

Beef 3.0 (1)

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 3

Venereal Diseases

Actinobacillus seminis

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

Sheep 2.0 (1)

Northern Cape

Calvinia, Calvinia Veeartskliniek

Sheep: 2

Trichomonosis

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.8 (5)	2.0 (1)	1.7 (3)	3.0 (2)	2.3 (12)	2.4 (5)	1.5 (2)	1.5 (2)	2.0 (1)

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

Beef	2.8 (5)	2.0 (1)	1.7 (3)	3.0 (2)	2.3 (12)	2.4 (5)	1.5 (2)	1.5 (2)	2.0 (1)
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Mpumalanga

Bethal, Bethal Dierekliniek

Beef: 3

Grootvlei, Grootvlei Dierekliniek

Beef: 3

Middelburg , Middelburg Dierehospitaal

Beef: 3

Piet Retief, Pets Vet Hospital

Beef: 2

Standerton, Standerton Dierehospitaal

Beef: 3

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3

Mokopane, Dr Henk Visser

Beef: 1

Polokwane, Pietersburg Veterinary Clinic

Beef: 1

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 3

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 2

Clocolan, Clocolan Dierekliniek

Beef: 2

Harrismith, Harrismith Dierehospitaal

Beef: 1

Hertzogville, Hertzogville Dierekliniek

Beef: 1

One herd positive

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 3

Parys, Parys Dierehospitaal

Beef: 2

Positive herd - herd vaccinated and breeding season postponed. Infection still active.

Reitz, Froneman Veterinary Practice

Beef: 3

Reitz, Riemland Dierehospitaal

Beef: 3

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2

New outbreak

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 3

Vrede, Saulshoek Dierepraktyk

Beef: 2

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

Beef: 2

Dundee, Endumeni Herd health

Beef: 3

Eshowe, Eshowe Veterinary Hospital

Beef: 2

Trichomonosis in Nguni stud herd. Local bull jumped fence

Kokstad, E.G.Veterinary Services

Beef: 2

Underberg, Underberg Veterinary Surgery

Beef: 3

Eastern Cape**Aliwal North, Hertzogbrug Dierekliniek**

Beef: 1

Humansdorp, Humansdorp Veterinary Clinic

Beef: 2

New farm

Western Cape**George, Deltamune**

Beef: 2

Malmesbury, Bergzicht Dierehospitaal

Beef: 1

Northern Cape**Kuruman, Lea Shuda CSS Vet**

Beef: 2

Vibriosis

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)		2.0 (1)	2.0 (1)	1.8 (5)	1.5 (2)			2.0 (1)

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

Beef	1.7 (3)		2.0 (1)	2.0 (1)	1.8 (5)	1.5 (2)			2.0 (1)
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Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 1

Bethal, Bethal Dierekliniek

Beef: 3

Lydenburg, Lydenburg Dieresprekkamer

Beef: 1

Limpopo**Makhado, Blouberg Dierekliniek**

Beef: 2

North West**Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 2

Free State

Dewetsdorp, Platkop Dierekliniek

Beef: 3

Hertzogville, Hertzogville Dierekliniek

Beef: 1

Two herds

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Reitz, Riemland Dierehospitaal

Beef: 1

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Beef: 2

Underberg, Underberg Veterinary Surgery

Beef: 1

Northern Cape

Kuruman, Lea Shuda CSS Vet

Beef: 2

Pizzle disease

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

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

Sheep									2.0 (3)
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Northern Cape

Calvinia, Calvinia Veeartskliniek

Sheep: 3

De Aar, De Aar Veterinary Clinic

Sheep: 1

One flock, rams tested poor semen quality. Will retest

Kuruman, Lea Shuda CSS Vet

Sheep: 2

Bacterial Disease (other)

Blackquarter

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (4)	1.0 (1)	2.0 (1)	2.3 (3)	1.8 (6)	1.7 (3)	2.0 (1)		2.3 (3)

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

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

Sheep

2.0
(1)

2.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Bethal, Bethal Dierekliniek

Beef: 2

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Middelburg, Middelburg Dierehospitaal

Beef: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 1

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 2

North West

Lichtenburg, Dr CM Kruger-Rall

Beef: 3

Bramahn bull

Ventersdorp, Buffelsvlei Dierekliniek

Beef: 1

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1

Clocolan, Clocolan Dierekliniek

Beef: 3

Hoopstad, Hoopstad Dierekliniek

Beef: 2

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Memel, Memel Veterinary Clinic

Sheep: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 2

Newcastle, Ncanduvet Newcastle

Beef: 1

Pongola, Pongola Animal Clinic

Beef: 2

Cattle not vaccinated

Eastern Cape

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 2

Northern Cape

Colesberg, Karoo Veterinary Hospital

Beef: 3

Large number of cases especially at western part of district.

Kimberley, Kimberley Dierekliniek

Beef: 2

Kuruman, Kuruman Dierekliniek

Sheep: 2

Botulism [^](#)

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

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)	
Sheep				2.0 (1)					

North West

Brits, Brits Dierekliniek

Sheep: 2

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Western Cape

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Pulpy Kidney [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)				2.3 (3)	1.3 (3)	1.7 (3)	3.0 (1)	1.5 (2)

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

Sheep	1.0 (1)				2.3 (3)	1.3 (3)	1.7 (3)		1.5 (2)
Goat	1.0 (1)							3.0 (1)	

Mpumalanga

Delmas, Rietkol Veterinêre spreekkamer

Sheep: 1, Goat: 1

Free State

Bloemfontein, Dr Stephan Wessels

Sheep: 3

Clocolan, Clocolan Dierekliniek

Sheep: 2

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

Kwazulu-Natal

Dundee, Endumeni Herd health

Sheep: 1

Kokstad, E.G.Veterinary Services

Sheep: 2

Underberg, Underberg Veterinary Surgery

Sheep: 1

Eastern Cape

Aliwal North, Hertzogbrug Dierekliniek

Sheep: 2

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 2

Uitenhage, Uitenhage Dierehospitaal

Sheep: 1

Western Cape

Beaufort West, Beaufort West State Vet

Goat: 3

Saanen milk goats that showed atypical signs for pulpy kidney. Approximately 30 died. Lab confirmed atypical *Clostridium perfringens* infection

Northern Cape

Colesberg, Karoo Veterinary Hospital

Sheep: 2

Few cases

De Aar, De Aar Veterinary Clinic

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)

Western Cape

Darling, Darling Dierekliniek

Sheep: 2

Swelled head disease

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

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

Beef

2.0 (1)

Goat

1.0 (1)

Free State

Reitz, Riemland Dierehospitaal

Beef: 2

Western Cape

Caledon, Caledon Dierekliniek

Goat: 1

Redgut (cattle)

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

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

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

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 1

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Free State

Clocolan, Clocolan Dierekliniek

Dairy: 2

Reitz, Riemland Dierehospitaal

Beef: 1

Vrede, Saulshoek Direpraktyk

Beef: 2

Kwazulu-Natal

Dundee, Endumeni Herd health

Dairy: 2

Blood gut (Sheep)



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

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

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

Mpumalanga

Delmas, Rietkol Veterinêre spreekkamer

Sheep: 2, Goat: 2

Gauteng

Pretoria, Pierre van Ryneveld Dierekliniek

Sheep: 1

North West

Christiana, Christiana Dierehospitaal

Sheep: 1

Kwazulu-Natal

Underberg, Underberg Veterinary Surgery

Sheep: 2

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

Sheep: 2

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

Sheep: 2

Tetanus

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

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

Sheep

1.0 (1)

Western Cape**Stellenbosch, Stellenbosch Animal Hospital**

Sheep: 1

Salmonellosis

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

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

Beef

1.0 (1)

Dairy

2.0 (1) 1.0 (1)

Eastern Cape**Alexandria, Alexandria Platteland Spreekkamer**

Dairy: 2

Humansdorp, Humansdorp Veterinary Clinic

Beef: 1

Western Cape**Stellenbosch, Stellenbosch Animal Hospital**

Dairy: 1

Brucella abortus

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (3)	2.0 (1)	1.7 (3)	2.0 (3)	2.1 (11)	2.5 (2)	3.0 (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	2.3 (3)	2.0 (1)	1.7 (3)	2.0 (2)	2.1 (11)	2.5 (2)			3.0 (1)
Dairy				2.0 (1)			3.0 (1)		

Mpumalanga

Delmas, Rietkol Veterinêre spreekkamer

Beef: 2

Small holding abortions- one positive, one negative - waiting for herd results

Middelburg , Middelburg Dierehospitaal

Beef: 3

Standerton, Standerton Dierehospitaal

Beef: 2

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 1

Mokopane, Dr Henk Visser

Beef: 2

Bled positive herd again, found a few new positive animals

Polokwane, Pietersburg Veterinary Clinic

Beef: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 1

Leeudoringstad, Leeudoringstad Dierekliniek

Dairy: 2

Clean dairy herd came in contact with positive cows of his neighbour. 6 out of 54 tested positive. Will retest soon

Lichtenburg, Dr CM Kruger-Rall

Beef: 3

41 positive cattle

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 3

New farms in Brandfort and Boshof areas

Clocolan, Clocolan Dierekliniek

Beef: 2

Dewetsdorp, Platkop Dierekliniek

Beef: 2

Hertzogville, Hertzogville Dierekliniek

Beef: 2

Two herds

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Reitz, Riemland Dierehospitaal

Beef: 1

Smithfield, Freestate Smithfield SV

Beef: 1

One outbreak

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2

New outbreak

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Vrede, Saulshoek Dierpraktyk

Beef: 2

Vaccinated, pregnant bought in animals before calving.

Winburg, Winburg Dierekliniek

Beef: 3

Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 2

Kokstad, E.G.Veterinary Services

Beef: 3

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 3

New farm infected 3 months ago - 23 animals culled

Northern Cape

Kuruman, Lea Shuda CSS Vet

Beef: 3

Brucella ovís

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

Sheep					2.0 (2)				3.0 (1)
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Free State

Dewetsdorp, Platkop Dierekliniek

Sheep: 2

Vrede, Saulshoek Dierepraktyk

Sheep: 2

Northern Cape

Calvinia, Calvinia Veeartskliniek

Sheep: 3

Johne`s disease

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

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

Sheep								1.0 (1)	
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Western Cape

Wellington, Wellington Dierehospitaal

Sheep: 1

E. coli

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)	1.0 (1)	2.0 (1)	1.5 (2)	2.3 (4)	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	1.5 (2)			2.0 (1)	2.0 (2)		2.0 (1)	
Dairy						3.0 (1)		2.0 (1)
Sheep		1.0 (1)	2.0 (1)	1.0 (1)	3.0 (1)			
Goat					2.0 (1)			

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 1

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1

Limpopo

Makhado, Blouberg Dierekliniek

Sheep: 2

North West

Christiana, Christiana Dierehospitaal

Sheep: 1

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Goat: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2

Vrede, Saulshoek Dierepraktyk

Beef: 2

Kwazulu-Natal

Underberg, Underberg Veterinary Surgery

Dairy: 3

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Beef: 2

Western Cape

George, George Animal Hospital

Dairy: 2

Enzootic Abortion [^](#)

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

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

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

(1)

Gauteng**Bronkhorstspuit, Kerkstraat Dierekliniek**

Goat: 2

Free State**Kroonstad, Kroonstad Dierehospitaal**

Sheep: 2, Goat: 1

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

Sheep: 3

Enzootic abortion on 3 different farms through out the district

Northern Cape**Kuruman, Kuruman Dierekliniek**

Sheep: 2

Intrauterine Gangrene

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

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

Sheep				2.0 (1)					1.5 (2)
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North West**Vryburg, Vryburg Dierehospitaal**

Sheep: 2

Northern Cape**Kuruman, Dr. Maïke Ottermann CCS Vet**

Sheep: 1

Kuruman, Kuruman Dierekliniek

Sheep: 2

Bovine Dermatophilosis (Senkobo disease)

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

North West**Vryburg, Vryburg Dierehospitaal**

Beef: 3

Western Cape**George, George Animal Hospital**

Dairy: 3

Other									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (2)							2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		1.0 (1)							
Dairy		1.0 (1)							
Goat									2.0 (1)
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 1									
Lumpy jaw									
Dairy: 1									
Dairy bull with severe Pneumonia									
Northern Cape									
Kimberley, Kimberley Dierekliniek									
Goat: 2									
Bacterial meningitis of goat kids in feedlot									
Protozoal diseases (other)									
Coccidiosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)	1.0 (2)	2.0 (3)		2.7 (6)	1.3 (3)	1.8 (5)	2.3 (3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		1.0 (1)	2.0 (1)						
Dairy							3.0 (1)	2.0 (1)	
Sheep	1.5 (2)	1.0 (1)	2.0 (1)		2.8 (5)	2.0 (1)	2.0 (1)	2.0 (1)	
Goat			2.0 (1)		2.0 (1)	1.0 (2)	1.3 (3)	3.0 (1)	
Mpumalanga									
Piet Retief, Pets Vet Hospital									
Sheep: 2									
Standerton, Econovet									
Sheep: 1									
Gauteng									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 1, Sheep: 1									
Limpopo									
Makhado, Blouberg Dierekliniek									
Beef: 2, Sheep: 2, Goat: 2									
Free State									
Bloemfontein, Dr Stephan Wessels									

Sheep: 3

Bothaville, Cape Cross Bothaville Veterinary Hospital

Sheep: 2, Goat: 2

Clocolan, Clocolan Dierekliniek

Sheep: 3

Frankfort, Frankfort Dierekliniek

Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 3

Kwazulu-Natal

Eshowe, Eshowe Veterinary Hospital

Sheep: 2

Damara sheep

Mtubatuba, Mtubatuba Animal Clinic

Goat: 1

Pongola, Pongola Animal Clinic

Goat: 1

Eastern Cape

Bathurst, Dr Jane Pistorius

Goat: 1

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Goat: 2

Plettenberg Bay, Robberg Veterinary Clinic

Sheep: 2

Witelsbos, Witelsbos Veterinary Consulting Rooms

Dairy: 3, Goat: 1

Impala ram

Western Cape

Beaufort West, Beaufort West State Vet

Goat: 3

Angoa goats with severe infestation of coccidiosis Signs of diarrhoea, death, weight loss and abortions

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2, Sheep: 2

Fungal diseases

Ringworm

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)	2.4 (5)	2.0 (4)	1.5 (2)	1.0 (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	1.5 (2)			2.0 (2)	2.4 (5)	2.0 (4)	1.5 (2)	1.0 (2)	
Sheep		2.0 (1)						1.0 (1)	2.0 (1)
Goat									2.0 (1)

Mpumalanga

Delmas, Rietkol Veterinêre spreekkamer

Beef: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

North West**Brits, Brits Dierkliniek**

Beef: 2

Christiana, Christiana Dierehospitaal

Beef: 2

Free State**Dewetsdorp, Platkop Dierkliniek**

Beef: 2

Parys, Parys Dierehospitaal

Beef: 3

Reitz, Froneman Veterinary Practice

Beef: 3

Villiers, Wilgepoort Dierkliniek Vennootskap

Beef: 2

Vrede, Saulshoek Dierpraktijk

Beef: 2

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

Beef: 1

Ingogo, Gen XY Stud Beef Consultancy

Beef: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Underberg, Underberg Veterinary Surgery

Beef: 3

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

Beef: 2

Humansdorp, Humansdorp Veterinary Clinic

Beef: 1

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

Sheep: 1

One Dorper ram at the National Dorper Auction positive with ringworm

Oudtshoorn, Oudtshoorn Dierkliniek

Beef: 1

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Northern Cape**Kuruman, Kuruman Dierkliniek**

Sheep: 2

Kuruman, Lea Shuda CSS Vet

Goat: 2

Viral Diseases (other)

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

Dairy 2.0 (1)

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 2

Mokopane, Dr Henk Visser

Beef: 2

Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 2

Estcourt, Estcourt Vet Clinic

Dairy: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 1

Western Cape

Beaufort West, Beaufort West State Vet

Beef: 2

Newly introduced animals that died. Origin unknown

Rabies ^

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

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

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

Gauteng

Muldersdrift, Muldersdrift Animal Hospital

Beef: 1

North West

Brits, Brits Dierekliniek

Beef: 2, Sheep: 1

Lichtenburg, Dr CM Kruger-Rall

Beef: 1

Jackal, 2 outbreaks

Vryburg, Vryburg Dierehospitaal

Beef: 2, Sheep: 2, Goat: 2

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Beef: 2

BVD (Bovine viral diarrhoea) ^

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

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

Beef		1.0 (1)	2.0 (2)
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North West

Christiana, Christiana Dierehospitaal

Beef: 1

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 2

2 cows aborted about 2 weeks before calving

Vrede, Saulshoek Dierepraktyk

Beef: 2

Heifers that were not vaccinated at all, 3% of group.

IBR (Infectious bovine rhinotracheitis)

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

Vryburg, Vryburg Dierehospitaal

Beef: 2

Free State

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 1

Enzootic Bovine Leucosis (EBL)

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

Dairy						2.0 (1)	1.0 (1)	1.0 (1)	
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Kwazulu-Natal

Underberg, Underberg Veterinary Surgery

Dairy: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 1

Western Cape

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Orf [^](#)

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

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

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Goat: 2

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Goat: 1

North West

Christiana, Christiana Dierehospitaal

Sheep: 2, Goat: 2

Klerksdorp, Klerksdorp Dierehospitaal

Sheep: 2

Vryburg, Vryburg Dierehospitaal

Sheep: 2

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Goat: 1

Vrede, Saulshoek Dierepraktyk

Sheep: 2

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Goat: 2

Underberg, Underberg Veterinary Surgery

Sheep: 2

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 3

Orf in merino wethers autogenous vaccine

Wellington, Wellington Dierehospitaal

Sheep: 1

Northern Cape

Kathu, Kathu Dierekliniek

Goat: 3

Warts [^](#)

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

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 1

Limpopo

Mokopane, Dr Henk Visser

Beef: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 2

Free State

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Kwazulu-Natal

Mooi River, Mooirivier Vet Clinic

Dairy: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Newcastle, Ncanduvet Newcastle

Beef: 1

Underberg, Underberg Veterinary Surgery

Dairy: 2

Western Cape

George, George Animal Hospital

Beef: 2, Dairy: 2

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 1

Oudtshoorn, Ostrimed

Beef: 1

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Swellendam, Swellendam Dierehospitaal

Dairy: 2

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

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

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

Mpumalanga

Bethal, Bethal Dierekliniek

Beef: 2

Piet Retief, Pets Vet Hospital

Beef: 3

Free State

Clocolan, Clocolan Dierekliniek

Beef: 1

Western Cape

Beaufort West, Beaufort West State Vet

Goat: 2

Rain and moderate temperatures favourable for various toxic plants. Ingestion by Boergoats led to 2 deaths

Northern Cape

Kuruman, Lea Shuda CSS Vet

Beef: 2

Cestrum

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

Balfour, Balfour Dierekliniek

Beef: 2

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 1

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

Beef								1.0 (1)	
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Dairy							2.0 (1)		
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Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 2

Western Cape

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Facial eczema									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep								2.0 (1)	
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Sheep: 2									
Geeldikkop/Dikoor									
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									
Kuruman, Lea Shuda CSS Vet									
Sheep: 2									
Gifblaar									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)							
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Goat		2.0 (1)							
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Goat: 2									
Lantana									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						2.0 (2)	2.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef						2.0 (2)			
Sheep							2.0 (1)		
Kwazulu-Natal									

Bergville, Bergville Veterinary Clinic

Beef: 2

Vryheid, Dr GH Theron

Beef: 2

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

Sheep: 2

Prussic acid poisoning

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					2.0 (2)				
Goat	1.0 (1)								

Mpumalanga**Delmas, Rietkol Veterinere spreekkamer**

Goat: 1

Free State**Bloemfontein, Dr Stephan Wessels**

Beef: 3

Reitz, Riemland Dierehospitaal

Beef: 1

Seneciosis

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

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

Sheep	3.0 (1)					2.0 (1)			
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Mpumalanga**Piet Retief, Pets Vet Hospital**

Sheep: 3

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

Sheep: 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)	1.9 (9)	2.3 (7)	1.0 (1)	2.0 (1)	2.0 (1)

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

reported									
Beef	1.0 (1)		3.0 (1)	1.9 (8)	2.4 (5)	1.0 (1)	2.0 (1)	2.0 (1)	
Dairy					3.0 (1)				
Sheep				2.0 (1)					
Goat					1.0 (1)				

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Beef: 1

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

All that is green

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 3

Clocolan, Clocolan Dierekliniek

Beef: 1, Sheep: 2

Dewetsdorp, Platkop Dierekliniek

Beef: 2

Harrismith, Harrismith Dierehospitaal

Beef: 1

Memel, Memel Veterinary Clinic

Beef: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Vrede, Vrede Dierehospitaal

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Bergville, Tugela Vet Clinic

Beef: 3

Dundee, Endumeni Herd health

Beef: 3, Goat: 1

Estcourt, Estcourt Vet Clinic

Beef: 2, Dairy: 3

Vryheid, Dr GH Theron

Beef: 2

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Beef: 1

Western Cape

Piketberg, Piketberg Dierehospitaal

Beef: 2

Northern Cape

Kuruman, Lea Shuda CSS Vet

Beef: 2

Other ^

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)
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 (1)

North West
Stella, Stella Dierekliniek
Beef: 1
Januariebos- <i>Gnidia polycephalus</i> - gastritis
Western Cape
Wellington, Wellington Dierehospitaal
Sheep: 3
Stellenbosch photosensitivity - many sheep affected - turksnael, medics, amaranthus

Poisonings

Urea Poisoning

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

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

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

Free State
Bloemfontein, Dr Stephan Wessels
Beef: 3
Vrede, Saulshoek Dierepraktyk
Sheep: 2
Kwazulu-Natal
Dundee, Endumeni Herd health
Beef: 2
Kokstad, E.G.Veterinary Services
Beef: 1
Eastern Cape
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Beef: 1

Snake Bite

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)
Dairy	1.0 (1)

Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 1

Eastern Cape

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 1

Blue-green algae

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

Dundee, Endumeni Herd health

Beef: 2

Chemical products

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

Beef	1.0 (1)
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Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Beef: 1

Teat burn by chemical product

Other

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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Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Beef: 2

Sudden death of 8 beef cattle reported by farmer. Probably due to nitrate fertilizer poisoning in drinking water.

Macro Nutritional Problems

Energy deficiency

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.4 (7)	1.0 (1)	2.8 (5)	2.9 (8)	2.7 (6)	2.6 (8)	2.0 (3)	3.0 (2)	2.4 (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	2.3 (3)		2.7 (3)	2.8 (4)	2.5 (4)	2.8 (4)	2.0 (1)		2.5 (2)
Dairy							2.0 (1)		
Sheep	2.5 (2)	1.0 (1)	3.0 (1)	3.0 (3)	3.0 (2)	2.5 (2)	2.0 (1)	3.0 (1)	2.3 (3)
Goat	2.5 (2)		3.0 (1)	3.0 (1)		2.5 (2)		3.0 (1)	2.5 (2)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2, Sheep: 2, Goat: 2

Delmas, Rietkol Veterinêre spreekkamer

Beef: 3, Sheep: 3, Goat: 3

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Gauteng

Pretoria, Pierre van Ryneveld Dierekliniek

Sheep: 1

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3

Lack of food

Sheep: 3, Goat: 3

Mokopane, Dr Henk Visser

Beef: 3

Polokwane, Pietersburg Veterinary Clinic

Beef: 2

North West

Brits, Brits Dierekliniek

Beef: 2, Sheep: 3, Goat: 3

Christiana, Christiana Dierehospitaal

Beef: 3, Sheep: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Stella, Stella Dierekliniek

Beef: 3, Sheep: 3

Free State

Clocolan, Clocolan Dierekliniek

Beef: 3, Sheep: 3

Memel, Memel Veterinary Clinic

Beef: 3

Reitz, Riemland Dierehospitaal

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 3

Wesselsbron, Wesselsbron Dierekliniek

Beef: 2

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

Beef: 2, Goat: 2

Ingogo, Gen XY Stud Beef Consultancy

Beef: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 3

Pongola, Pongola Animal Clinic

Beef: 3, Sheep: 3, Goat: 3

Underberg, Underberg Veterinary Surgery

Sheep: 2

Eastern Cape**Alexandria, Alexandria Platteland Spreekkamer**

Beef: 2, Dairy: 2

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2

Western Cape**Oudtshoorn, Ostrimed**

Sheep: 3

Wet and cold with wind, severe chill factor. Lick "expensive" so animals are not receiving optimum feed during this time. Winter rainfall makes the environment look green and healthy. Al lot of deficiencies, weaners, actually see animals prefer licks especially ably those with high energy component. Unfortunately they do not act on it.

Goat: 3

Wet and cold with wind, severe chill factor. Lick "expensive" so animals are not receiving optimum feed during this time. Winter rainfall makes the environment look green and healthy. Al lot of deficiencies, weaners, actually see animals prefer licks especially ably those with high energy component. Unfortunately they do not act on it.

Northern Cape**Kuruman, Dr. Maïke Ottermann CCS Vet**

Beef: 2

Kuruman, Kuruman Dierekliniek

Sheep: 2, Goat: 2

Kuruman, Lea Shuda CSS Vet

Beef: 3, Sheep: 3, Goat: 3

Philippolis, Rowelsfontein veearts Spreekkamer

Sheep: 2

Protein deficiency

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (6)	1.0 (1)	3.0 (4)	2.6 (7)	2.2 (5)	2.8 (8)	3.0 (2)	2.8 (4)	2.5 (2)

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

Beef	2.3 (3)		3.0 (2)	2.3 (4)	2.3 (4)	2.8 (5)	3.0 (1)		2.0 (1)
Dairy								2.5 (2)	
Sheep	2.5 (2)	1.0 (1)	3.0 (1)	3.0 (2)	2.0 (1)	3.0 (1)	3.0 (1)	3.0 (1)	3.0 (1)
Goat	2.0 (1)		3.0 (1)	3.0 (1)		2.5 (2)		3.0 (1)	

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2, Sheep: 2, Goat: 2

Middelburg, Middelburg Dierehospitaal

Beef: 3, Sheep: 3

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Gauteng

Pretoria, Pierre van Ryneveld Dierekliniek

Sheep: 1

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3, Sheep: 3, Goat: 3

Mokopane, Dr Henk Visser

Beef: 3

North West

Brits, Brits Dierekliniek

Beef: 2, Sheep: 3, Goat: 3

Christiana, Christiana Dierehospitaal

Beef: 3, Sheep: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Ventersdorp, Buffelsvlei Dierekliniek

Beef: 1

Free State

Memel, Memel Veterinary Clinic

Beef: 3

Reitz, Riemland Dierehospitaal

Beef: 2, Sheep: 2

Vrede, Saulshoek Dierepraktyk

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 2, Goat: 2

Ingogo, Gen XY Stud Beef Consultancy

Beef: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 3

Pongola, Pongola Animal Clinic

Beef: 3, Sheep: 3, Goat: 3

Underberg, Underberg Veterinary Surgery

Beef: 3

Eastern Cape

Middelburg (EC), Steynsburg Dierehospitaal

Beef: 3, Sheep: 3

Western Cape

Malmesbury, Dr Otto Kriek

Dairy: 3

Protein nutrition determines the future potential of dairy heifers.

Oudtshoorn, Ostrimed

Sheep: 3

Rain little relief, poor regrowth of pastures, hot winds and excessive heat has dried the surface.

Goat: 3

Rain little relief, poor regrowth of pastures, hot winds and excessive heat has dried the surface.

Swellendam, Swellendam Dierehospitaal

Dairy: 2

Northern Cape

Kuruman, Dr. Maike Ottermann CCS Vet

Beef: 2

Upington, Upington Veterinary Clinic

Sheep: 3

Need to put out licks

Phosphate deficiency

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (3)			2.3 (3)	3.0 (1)	3.0 (1)			2.6 (5)

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

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

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2, Sheep: 2, Goat: 2

North West

Brits, Brits Dierekliniek

Sheep: 2, Goat: 2

Christiana, Christiana Dierehospitaal

Beef: 3

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Kwazulu-Natal

Underberg, Underberg Veterinary Surgery

Beef: 3

Northern Cape

Kuruman, Dr. Maïke Ottermann CCS Vet

Beef: 2

Kuruman, Kuruman Dierekliniek

Sheep: 2

Kuruman, Lea Shuda CSS Vet

Beef: 3, Sheep: 3, Goat: 3

Calcium deficiency

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

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

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

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2, Sheep: 2, Goat: 2

North West

Brits, Brits Dierekliniek

Sheep: 2, Goat: 2

Free State

Memel, Memel Veterinary Clinic

Beef: 1

Reitz, Riemland Dierehospitaal

Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 3

Kwazulu-Natal

Dundee, Endumeni Herd health

Dairy: 2

Underberg, Underberg Veterinary Surgery

Beef: 3

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 2

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 3

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Northern Cape

Upington, Upington Veterinary Clinic

Sheep: 3

Due to calcium deficiency ewes (Dorper and Meat master) have problems giving birth. React well on calcium supplementation.

Micro Nutritional Problems

Copper deficiency

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

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

Beef			2.0 (1)						
Sheep								1.0 (1)	

Limpopo

Mokopane, Dr Henk Visser

Beef: 2

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 1

Zinc deficiency [^](#)

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

Dundee, Endumeni Herd health

Beef: 2

Selenium deficiency [^](#)

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

Christiana, Christiana Dierhospitaal

Sheep: 3

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Beef: 2

Northern Cape

Kimberley, Kimberley Dierkliniek

Sheep: 2

Vitamin E deficiency in feedlot

Magnesium deficiency [^](#)

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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North West

Vryburg, Vryburg Dierhospitaal

Beef: 2

Manganese deficiency [^](#)

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

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

Beef						2.0 (1)			
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Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 2

Vitamin A deficiency [^](#)

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

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

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

Limpopo

Mokopane, Dr Henk Visser

Beef: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Klerksdorp, Klerksdorp Dierehospitaal

Sheep: 2

Kwazulu-Natal

Pongola, Pongola Animal Clinic

Beef: 3, Sheep: 3, Goat: 3

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Beef: 1

Northern Cape

Kuruman, Lea Shuda CSS Vet

Beef: 2, Sheep: 2, Goat: 2

Vitamin B 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)

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 2

Vitamin B 1 deficiency

Multi-factorial Disease Conditions

Abortions

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (5)	2.0 (3)	1.0 (1)	1.5 (4)	2.1 (11)	1.8 (8)	1.8 (4)	1.7 (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	2.0 (4)		1.0 (1)	1.3 (3)	1.9 (7)	1.6 (5)	1.5 (2)	2.0 (1)	
Dairy							2.0 (1)	2.0 (3)	2.0 (1)
Sheep	2.0 (1)	2.0 (2)		2.0 (1)	2.7 (3)	2.5 (2)	2.0 (1)	1.0 (1)	
Goat		2.0 (1)			2.0 (1)	1.0 (1)		1.0 (1)	

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2, Sheep: 2

Delmas, Rietkol Veterinêre spreekkamer

Beef: 2

Lydenburg, Lydenburg Dieresprekkamer

Beef: 3

Middelburg, Middelburg Dierehospitaal

Beef: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 2

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Goat: 2

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 1

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 1

Lichtenburg, Dr CM Kruger-Rall

Beef: 1

Vryburg, Vryburg Dierehospitaal

Beef: 2, Sheep: 2

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Sheep: 3, Goat: 2

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 2

Memel, Memel Veterinary Clinic

Beef: 1

Reitz, Riemland Dierehospitaal

Beef: 2, Sheep: 2

Vrede, Vrede Dierehospitaal

Beef: 1

Winburg, Winburg Dierekliniek

Beef: 2

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

Beef: 2

Greytown, Greytown Veterinary Hospital

Beef: 1

Kokstad, E.G.Veterinary Services

Beef: 2, Sheep: 3

Mtubatuba, Mtubatuba Animal Clinic

Goat: 1

Newcastle, Ncanduvet Newcastle

Beef: 1

Underberg, Underberg Veterinary Surgery

Beef: 2, Sheep: 2

Eastern Cape**Alexandria, Alexandria Platteland Spreekkamer**

Dairy: 2

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Beef: 2

Humansdorp, Humansdorp Veterinary Clinic

Beef: 1

Uitenhage, Uitenhage Dierehospitaal

Sheep: 2

Western Cape**Caledon, Caledon Dierekliniek**

Goat: 1

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Malmesbury, Dr Otto Kriek

Beef: 2

Oudtshoorn, Ostrimed

Sheep: 1

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Swellendam, Swellendam Dierehospitaal

Dairy: 3

Northern Cape**Kuruman, Lea Shuda CSS Vet**

Dairy: 2

Stillbirths

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

Mpumalanga

Standerton, Standerton Dierehospitaal

Beef: 2

Free State

Clocolan, Clocolan Dierekliniek

Beef: 3

Vrede, Vrede Dierehospitaal

Beef: 2

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Beef: 2, Sheep: 3

Western Cape

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Swellendam, Swellendam Dierehospitaal

Dairy: 3

Abscesses

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)	1.3 (7)	1.0 (2)	2.3 (3)	2.0 (5)	2.0 (4)	1.0 (3)	1.2 (5)	

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

Beef	1.0 (2)	1.3 (3)	1.0 (2)	2.0 (2)	2.0 (3)	2.0 (1)		1.0 (1)	
Dairy		1.0 (1)				2.0 (1)	1.0 (1)	1.0 (1)	
Sheep		1.5 (2)		3.0 (1)	2.0 (2)	2.0 (2)	1.0 (2)	1.5 (2)	
Goat		1.0 (1)						1.0 (1)	

Mpumalanga

Delmas, Rietkol Veterinere spreekkamer

Beef: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 1

Bronkhorstspuit, Kerkstraat Dierekliniek

Goat: 1

Nigel, Welgelegen Dierekliniek

Beef: 1

Abscess on hock

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Pretoria, Dr Rosaly Steyn (LNR) CSS vet

Beef: 2, Dairy: 1

Liver abscess

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 1

Corynebacterium ovis

Limpopo

Mokopane, Dr Henk Visser

Beef: 1

Polokwane, Pietersburg Veterinary Clinic

Beef: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 3, Sheep: 3

Lichtenburg, Dr CM Kruger-Rall

Beef: 1

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Memel, Memel Veterinary Clinic

Sheep: 1

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Sheep: 2

Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2

Underberg, Underberg Veterinary Surgery

Dairy: 2

Inadequate biosecurity when giving intramuscular injections, needles!!!

Eastern Cape

Aliwal North, Hertzogbrug Dierekliniek

Sheep: 1

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 1

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 1

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 1

Ram with abscess on scrotum

Caledon, Caledon Dierekliniek

Beef: 1

Caledon, Overberg Veterinary Hospital

Goat: 1

Malmesbury, Dr Otto Kriek

Dairy: 1

Wellington, Wellington Dierehospitaal

Sheep: 2

Abscesses in general



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

Free State

Ladybrand, Ladybrand / Excelsior Dierekliniek

Sheep: 3

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Beef: 1, Goat: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

Western Cape

Malmesbury, Bergzicht Dierehospitaal

Beef: 1, Dairy: 2

Bladder stones

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

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

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

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 1

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 2

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Sheep: 3

Western Cape

George, George Animal Hospital

Sheep: 2

Stellenbosch, Stellenbosch Animal Hospital

Goat: 1

Blindness

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

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Beef: 1, Sheep: 1, Goat: 1

Northern Cape

Kuruman, Kuruman Dierekliniek

Goat: 2

Bloat [^](#)

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

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

Beef				1.0 (1)	1.7 (3)			1.0 (1)	
Dairy						1.0 (1)			
Sheep					2.0 (1)				
Goat						1.0 (1)			

North West

Vryburg, Vryburg Dierehospitaal

Beef: 1

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1

Clocolan, Clocolan Dierekliniek

Beef: 2

Reitz, Riemland Dierehospitaal

Beef: 2, Sheep: 2

Kwazulu-Natal

Dundee, Endumeni Herd health

Dairy: 1

Mtubatuba, Mtubatuba Animal Clinic

Goat: 1

Western Cape

George, George Animal Hospital

Beef: 1

Blood gut (sheep and goat) [^](#)

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

Sheep	2.0 (1)
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Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
 Sheep: 2

Blue udder ^

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

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

Dairy								2.0 (1)	
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Sheep	1.0 (1)			1.0 (1)	2.0 (3)	1.0 (1)		2.0 (2)	
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Goat		1.0 (1)							
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Mpumalanga
Grootvlei, Grootvlei Dierekliniek

Sheep: 1

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Goat: 1

North West

Vryburg, Vryburg Dierehospitaal

Sheep: 1

Free State

Kroonstad, Kroonstad Dierehospitaal

Sheep: 3

Ladybrand, Ladybrand / Excelsior Dierekliniek

Sheep: 1

Reitz, Riemland Dierehospitaal

Sheep: 2

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Sheep: 1

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 2

Malmesbury, Bergzicht Dierehospitaal

Sheep: 2

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 2

Diarrhoea ^

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

Average	1.7 (3)	2.0 (1)	2.7 (3)	1.7 (3)	2.0 (9)	2.0 (1)	1.8 (6)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

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

Mpumalanga

Delmas, Rietkol Veterinere spreekkamer

Sheep: 2

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 1

Gauteng

Pretoria, Dr Rosaly Steyn (LNR) CSS vet

Dairy: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 3, Sheep: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Free State

Reitz, Froneman Veterinary Practice

Beef: 2

Vrede, Vrede Dierehospitaal

Dairy: 2

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Bergville, Tugela Vet Clinic

Goat: 1

Dundee, Endumeni Herd health

Beef: 1, Dairy: 2

Estcourt, Estcourt Vet Clinic

Beef: 2, Sheep: 2, Goat: 3

Mtubatuba, Mtubatuba Animal Clinic

Goat: 2

Underberg, Underberg Veterinary Surgery

Dairy: 3

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Beef: 2

Western Cape

Caledon, Overberg Veterinary Hospital

Sheep: 2

Malmesbury, Dr Otto Kriek

Dairy: 2

Mastitis milk fed to male calves remains a problem. The reason for this mainly being the poor milk prices.

Oudtshoorn, Ostrimed

Sheep: 2

Short flush on pastures, bought in animals not adapted to graze pasture. Suspect worms, lot of problems on irrigated pastures.

Goat: 2

Short flush on pastures, bought in animals not adapted to graze pasture. Suspect worms, lot of problems on irrigated pastures.

Oudtshoorn, Oudtshoorn Dierekliniek

Beef: 1

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 2

Epididymitis

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

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

Sheep					1.7 (3)			2.0 (1)	
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Free State**Dewetsdorp, Platkop Dierekliniek**

Sheep: 2

Kroonstad, Kroonstad Dierehospitaal

Sheep: 1

Vrede, Saulshoek Diereparktyk

Sheep: 2

Western Cape**Malmesbury, Bergzicht Dierehospitaal**

Sheep: 2

Eye Cancer

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

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

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

Mpumalanga**Standerton, Standerton Dierehospitaal**

Beef: 1

Free State**Ficksburg, Oosvrystaat Dier Produkte**

Beef: 1

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2

Vrede, Vrede Dierehospitaal

Dairy: 1

Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 1

Estcourt, Estcourt Vet Clinic

Dairy: 2

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Eye infections [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (4)	3.0 (3)	2.0 (1)	3.0 (2)	1.7 (7)	1.8 (8)	2.0 (3)	2.0 (4)	3.0 (1)

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

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

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 1

Delmas, Rietkol Veterinêre spreekkamer

Sheep: 2

Standerton, Econovet

Beef: 2, Sheep: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 3, Sheep: 3

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 3

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 2

Vitamin A deficiency?

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Lichtenburg, Dr CM Kruger-Rall

Beef: 3

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Sheep: 1

Dewetsdorp, Platkop Dierekliniek

Beef: 2

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 2

Vrede, Saulshoek Dierepraktyk

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Winburg, Winburg Dierekliniek

Beef: 2, Sheep: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Sheep: 1

Estcourt, Estcourt Vet Clinic

Beef: 2, Goat: 2

Greytown, Greytown Veterinary Hospital

Beef: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Newcastle, Ncanduvet Newcastle

Beef: 2

Underberg, Underberg Veterinary Surgery

Dairy: 2

Dry weather and dust precipitate the problem

Sheep: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 2

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 3

Uitenhage, Uitenhage Dierehospitaal

Goat: 1

Western Cape

Darling, Darling Dierekliniek

Sheep: 3

Malmesbury, Dr Otto Kriek

Dairy: 3

Beginning to appear on multiple farms.

Oudtshoorn, Ostrimed

Beef: 1, Sheep: 1

Northern Cape

Calvinia, Calvinia Veeartskliniek

Sheep: 3

Joint Ill

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

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Sheep: 2

Memel, Memel Veterinary Clinic

Sheep: 1

Eastern Cape

Aliwal North, Hertzogbrug Dierekliniek

Sheep: 1

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2

Western Cape

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Northern Cape

Kuruman, Dr. Maïke Ottermann CCS Vet

Sheep: 1

Kuruman, Kuruman Dierekliniek

Sheep: 2

Lameness/Foot Problems ^									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)	1.7 (3)		3.0 (1)	1.8 (4)	2.0 (6)	1.0 (1)	2.2 (9)	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	1.7 (3)	2.0 (2)		3.0 (1)	1.8 (4)	1.0 (1)	1.0 (1)	1.8 (4)	2.5 (2)
Dairy		1.0 (1)				2.0 (2)		2.5 (2)	
Sheep						2.0 (2)		2.7 (3)	
Goat						3.0 (1)			3.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Middelburg, Middelburg Dierehospitaal

Beef: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2

Pretoria, Dr Rosaly Steyn (LNR) CSS vet

Dairy: 1

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 3

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 1

Vrede, Saulshoek Diereparktyk

Beef: 1

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Goat: 3

Dundee, Endumeni Herd health

Dairy: 2

Greytown, Greytown Veterinary Hospital

Sheep: 2

Newcastle, Ncanduvet Newcastle

Beef: 1

Underberg, Underberg Veterinary Surgery

Dairy: 2, Sheep: 2

Eastern Cape**Humansdorp, Humansdorp Veterinary Clinic**

Beef: 1

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

Beef: 1

Bull with moderate laminitis

Caledon, Caledon Dierekliniek

Beef: 1

Caledon, Overberg Veterinary Hospital

Beef: 2

Darling, Darling Dierekliniek

Sheep: 3

Footrot

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2, Sheep: 2

Malmesbury, Dr Otto Kriek

Dairy: 3

Wellington, Wellington Dierehospitaal

Beef: 3, Sheep: 3

Foot rot, foot abscess and interdigital dermatitis - wet weather in winter

Northern Cape**Kuruman, Kuruman Dierekliniek**

Beef: 2

Kuruman, Lea Shuda CSS Vet

Beef: 3, Goat: 3

Lung infection

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (9)	2.0 (3)	2.0 (3)	2.8 (5)	2.0 (15)	2.3 (9)	1.7 (3)	2.0 (2)	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	2.0 (6)	2.0 (2)	2.0 (2)	2.8 (4)	2.0 (6)	2.2 (5)	2.0 (1)		2.0 (2)
Dairy					1.0 (1)	2.0 (1)	2.0 (1)	3.0 (1)	
Sheep	2.0 (3)		2.0 (1)	3.0 (1)	2.1 (7)	3.0 (1)	1.0 (1)	1.0 (1)	2.0 (3)
Goat		2.0 (1)			2.0 (1)	2.5 (2)			2.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Bethal, Bethal Dierekliniek

Beef: 2, Sheep: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 2, Sheep: 2

Middelburg , Middelburg Dierehospitaal

Beef: 2

Piet Retief, Pets Vet Hospital

Beef: 1, Sheep: 3

Standerton, Econovet

Beef: 3

Gauteng**Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 2

Pretoria, Dr Rosaly Steyn (LNR) CSS vet

Beef: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Goat: 2

Limpopo**Makhado, Blouberg Dierekliniek**

Beef: 2

Polokwane, Pietersburg Veterinary Clinic

Beef: 2, Sheep: 2

North West**Christiana, Christiana Dierehospitaal**

Beef: 3, Sheep: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

Lichtenburg, Dr CM Kruger-Rall

Beef: 3

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State**Bethlehem, Bethlehem Animal Hospital**

Sheep: 2

Bloemfontein, Dr Stephan Wessels

Beef: 3, Sheep: 3

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1, Sheep: 2, Goat: 2

Dewetsdorp, Platkop Dierekliniek

Sheep: 1

Harrismith, Harrismith Dierehospitaal

Sheep: 2

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 1

Reitz, Froneman Veterinary Practice

Beef: 3

Reitz, Riemland Dierehospitaal

Beef: 2, Dairy: 1, Sheep: 2

Vrede, Vrede Dierehospitaal

Sheep: 3

Winburg, Winburg Dierekliniek

Beef: 2

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

Beef: 2

Bergville, Tugela Vet Clinic

Beef: 3, Sheep: 3, Goat: 3

Dundee, Endumeni Herd health

Beef: 2, Dairy: 2

Greytown, Greytown Veterinary Hospital

Beef: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 2

Aliwal North, Hertzogbrug Dierekliniek

Sheep: 1

Humansdorp, Humansdorp Veterinary Clinic

Beef: 2

Western Cape

Malmesbury, Bergzicht Dierehospitaal

Sheep: 1

Malmesbury, Dr Otto Kriek

Dairy: 3

Northern Cape

Kimberley, Kimberley Dierekliniek

Beef: 2, Sheep: 2

Pasteurellosis in feedlot

Kuruman, Kuruman Dierekliniek

Beef: 2, Sheep: 2, Goat: 2

Upington, Upington Veterinary Clinic

Sheep: 2

A few cases of pasteurellosis

Mastitis in general

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (3)	1.0 (1)		2.0 (1)	2.0 (3)	1.2 (6)	1.0 (1)	3.0 (4)	

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

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

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Delmas, Rietkol Veterinere spreekkamer

Dairy: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1

North West

Klerksdorp, Klerksdorp Dierehospitaal

Dairy: 2

Free State

Bloemfontein, Dr Stephan Wessels

Dairy: 3

Clocolan, Clocolan Dierekliniek

Dairy: 2

Reitz, Froneman Veterinary Practice

Beef: 1

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

Beef: 1

Dundee, Endumeni Herd health

Beef: 1, Dairy: 2

Mtubatuba, Mtubatuba Animal Clinic

Dairy: 1, Goat: 1

Pongola, Pongola Animal Clinic

Beef: 1

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

Sheep: 1

Western Cape**George, Deltamune**

Dairy: 3

George, George Animal Hospital

Dairy: 3

Malmesbury, Dr Otto Kriek

Dairy: 3

Only a major problem on farms where manure management is not done properly.

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)	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)	1.0 (1)	2.0 (1)	1.0 (1)	
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Free State**Reitz, Froneman Veterinary Practice**

Beef: 1

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

Beef: 1

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

Beef: 2

Western Cape**George, George Animal Hospital**

Beef: 1

Red gut (Sheep)

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

Sheep	2.0 (1)
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Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
 Sheep: 2

Trauma ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.3 (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		1.3 (3)			1.0 (1)				
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Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
 Beef: 1
Pretoria, Dr Rosaly Steyn (LNR) CSS vet
 Beef: 2
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
 Beef: 1
 Fracture
Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
 Beef: 1

Downer ^

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

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

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

Mpumalanga
Bethal, Bethal Dierekliniek
 Beef: 1
Gauteng
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
 Beef: 1
North West

Vryburg, Vryburg Dierehospitaal

Beef: 2

Free State**Clocolan, Clocolan Dierekliniek**

Beef: 2, Dairy: 1

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

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

Beef: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Drought

Western Cape**George, George Animal Hospital**

Beef: 1

Swellendam, Swellendam Dierehospitaal

Dairy: 1

Northern Cape**Kuruman, Dr. Maïke Ottermann CCS Vet**

Beef: 1

Other

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

Beef						1.0 (1)			
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Kwazulu-Natal**Camperdown, Camperdown Vet Clinic**

Beef: 1

Rumen stasis

Metabolic Diseases**Acidosis**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.5 (2)	1.0 (3)		1.0 (1)	2.0 (11)	1.7 (3)	2.0 (1)		
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

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

Mpumalanga**Nelspruit, Nelspruit Animal Hospital**

Beef: 2

High intake of oranges

Standerton, Standerton Dierehospitaal

Beef: 1

Gauteng**Bronkhorstspuit, Kerkstraat Dierekliniek**

Dairy: 1

Pretoria, Dr Rosaly Steyn (LNR) CSS vet

Beef: 1

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

North West**Vryburg, Vryburg Dierehospitaal**

Beef: 1

Free State**Bethlehem, Bethlehem Animal Hospital**

Beef: 2

Bothaville, Cape Cross Bothaville Veterinary Hospital

Goat: 1

Clocolan, Clocolan Dierekliniek

Beef: 2

Harrismith, Harrismith Dierehospitaal

Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

Memel, Memel Veterinary Clinic

Sheep: 3

Reitz, Riemland Dierehospitaal

Beef: 1, Sheep: 2

Vrede, Saulshoek Dierepraktyk

Sheep: 3

Young ewes not adapted on maize stover lands

Vrede, Vrede Dierehospitaal

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

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

Beef: 2

Dundee, Endumeni Herd health

Dairy: 2

Mtubatuba, Mtubatuba Animal Clinic

Goat: 1

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

Sheep: 2

Displaced abomasum[^](#)

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)

Kwazulu-Natal

Dundee, Endumeni Herd health

Dairy: 1

Ketosis

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

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

Sheep		2.0 (1)			1.8 (4)		1.5 (2)	2.0 (1)	3.0 (1)
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Goat		2.0 (1)							
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Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 2, Goat: 2

Free State

Harrismith, Harrismith Dierehospitaal

Sheep: 1

Memel, Memel Veterinary Clinic

Sheep: 1

Reitz, Riemland Dierehospitaal

Sheep: 2

Villiers, Wilgepoort Dierkliniek Vennootskap

Sheep: 3

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Sheep: 1

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 2

Western Cape

Heidelberg (WC), Heidelberg Dierkliniek

Sheep: 2

Northern Cape

Philipstown, Rowelsfontein veearts Spreekkamer

Sheep: 3

Milk Fever

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

Gauteng									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 2									
Free State									
Harrismith, Harrismith Dierehospitaal									
Beef: 1									
Memel, Memel Veterinary Clinic									
Beef: 1									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 3									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Dundee, Endumeni Herd health									
Dairy: 2									
Western Cape									
Stellenbosch, Stellenbosch Animal Hospital									
Dairy: 2									
Swellendam, Swellendam Dierehospitaal									
Dairy: 1									

Reproductive diseases

Dystocia (Difficult Births)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.1 (11)	1.8 (16)	1.6 (5)	2.3 (6)	2.0 (25)	1.7 (16)	1.8 (8)	1.9 (13)	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	2.1 (9)	1.6 (7)	1.7 (3)	2.5 (4)	2.1 (18)	1.9 (10)	1.4 (5)	2.2 (6)	1.0 (1)
Dairy					2.0 (2)	1.5 (2)	2.5 (2)	2.0 (5)	
Sheep	2.0 (1)	2.0 (5)		3.0 (1)	1.8 (5)	1.0 (1)	2.0 (1)	1.0 (1)	
Goat	2.0 (1)	1.8 (4)	1.5 (2)	1.0 (1)		1.3 (3)		1.0 (1)	

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 2									
Bethal, Bethal Dierekliniek									
Beef: 2									
Delmas, Rietkol Veterinere spreekkamer									
Beef: 2, Sheep: 2, Goat: 2									
Grootvlei, Grootvlei 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, Standerton Dierehospitaal

Beef: 2

Gauteng**Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 2, Sheep: 2

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2, Goat: 1

Muldersdrift, Muldersdrift Animal Hospital

Beef: 2

Cesarean sections

Sheep: 2

Cesarean sections

Goat: 2

Cesarean sections

Nigel, Welgelegen Dierekliniek

Beef: 2, Sheep: 2

Pretoria, Anima Veterinary Consulting Rooms

Beef: 1

Pretoria, Dr Rosaly Steyn (LNR) CSS vet

Beef: 1

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1, Sheep: 2, Goat: 2

Pretoria, Pierre van Ryneveld Dierekliniek

Sheep: 2, Goat: 2

Limpopo**Makhado, Blouberg Dierekliniek**

Beef: 2, Goat: 2

Mokopane, Dr Henk Visser

Beef: 2

Polokwane, Pietersburg Veterinary Clinic

Beef: 1, Goat: 1

North West**Brits, Brits Dierekliniek**

Beef: 1, Goat: 1

Christiana, Christiana Dierehospitaal

Beef: 3, Sheep: 3

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 3

Stella, Stella Dierekliniek

Beef: 3

Free State**Bloemfontein, Dr Stephan Wessels**

Beef: 2

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 2

Clocolan, Clocolan Dierekliniek

Beef: 2

Ficksburg, Oosvrystaat Diere Produkte

Beef: 2

Harrismith, Harrismith Dierehospitaal

Beef: 3

Hertzogville, Hertzogville Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 1, Sheep: 2

Kroonstad, Kroonstad Dierehospitaal

Beef: 3, Dairy: 3

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 1

Memel, Memel Veterinary Clinic

Beef: 2

Reitz, Froneman Veterinary Practice

Beef: 3, Sheep: 1

Reitz, Riemland Dierehospitaal

Beef: 2, Dairy: 1, Sheep: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Vrede, Saulshoek Dierepraktyk

Beef: 2

Vrede, Vrede Dierehospitaal

Beef: 3, Sheep: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 2

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Bergville, Tugela Vet Clinic

Sheep: 1, Goat: 1

Camperdown, Camperdown Vet Clinic

Beef: 1

schistosoma reflexus

Goat: 2

Dundee, Endumeni Herd health

Beef: 3, Dairy: 1

Greytown, Greytown Veterinary Hospital

Beef: 2

Ingogo, Gen XY Stud Beef Consultancy

Beef: 1

Kokstad, E.G.Veterinary Services

Beef: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 1, Goat: 1

Newcastle, Ncanduvet Newcastle

Beef: 3

Pongola, Pongola Animal Clinic

Beef: 1

Underberg, Underberg Veterinary Surgery

Dairy: 2

Vryheid, Dr GH Theron

Beef: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 3

Aliwal North, Hertzogbrug Dierekliniek

Beef: 1

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Beef: 1

Humansdorp, Humansdorp Veterinary Clinic

Beef: 2

Kareedouw, Tenax Vet Clinic

Dairy: 2

Middelburg (EC), Steynsburg Dierehospitaal

Beef: 2, Sheep: 2

Uitenhage, Uitenhage Dierehospitaal

Beef: 1

Western Cape

Caledon, Overberg Veterinary Hospital

Beef: 2

George, George Animal Hospital

Beef: 2

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Malmesbury, Bergzicht Dierehospitaal

Beef: 2, Dairy: 2

Malmesbury, Dr Otto Kriek

Dairy: 3

Oudtshoorn, Ostrimed

Sheep: 1

Oudtshoorn, Oudtshoorn Dierekliniek

Beef: 2

Stellenbosch, Stellenbosch Animal Hospital

Beef: 2, Dairy: 1

Swellendam, Swellendam Dierehospitaal

Dairy: 2

Wellington, Wellington Dierehospitaal

Beef: 3, Goat: 1

Northern Cape

Kimberley, Kimberley Dierekliniek

Beef: 1

Endometritis

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 (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					2.0 (1)	2.0 (1)		3.0 (3)	
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Free State

Clocolan, Clocolan Dierekliniek

Dairy: 2

Kwazulu-Natal

Dundee, Endumeni Herd health

Dairy: 2

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 3

Malmesbury, Bergzicht Dierehospitaal

Dairy: 3

Swellendam, Swellendam Dierehospitaal

Dairy: 3

Metritis

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

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

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

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Sheep: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 2

Free State

Reitz, Froneman Veterinary Practice

Beef: 1

Kwazulu-Natal

Dundee, Endumeni Herd health

Dairy: 2

Eastern Cape

Kareedouw, Tenax Vet Clinic

Dairy: 3

130 cases treated

Western Cape

Caledon, Overberg Veterinary Hospital

Beef: 2

Malmesbury, Dr Otto Kriek

Dairy: 2

Only a major problem on farms where manure management is not done properly.

Swellendam, Swellendam Dierehospitaal

Dairy: 2

Poor conception



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)		1.0 (1)	2.0 (1)	2.3 (4)	2.0 (1)	2.5 (2)	3.0 (1)	

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

Beef	2.0 (2)		1.0 (1)	2.0 (1)	2.0 (3)	2.0 (1)	2.0 (1)		
Dairy					3.0 (1)		3.0 (1)	3.0 (1)	

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Delmas, Rietkol Veterinêre spreekkamer

Beef: 2

Limpopo**Mokopane, Dr Henk Visser**

Beef: 1

55% conception figure in a herd, no venereal diseases found. Problem with bull's fertility, dominant bull

North West**Christiana, Christiana Dierehospitaal**

Beef: 2

Free State**Clocolan, Clocolan Dierekliniek**

Dairy: 3

Reitz, Riemland Dierehospitaal

Beef: 1

Vrede, Saulshoek Dieredpraktyk

Beef: 3

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal**Underberg, Underberg Veterinary Surgery**

Beef: 2

Eastern Cape**Alexandria, Alexandria Platteland Spreekkamer**

Dairy: 3

Low body condition score (especially first calf heifers)

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Beef: 2

Western Cape**Swellendam, Swellendam Dierehospitaal**

Dairy: 3

Retained afterbirth

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (4)	1.5 (2)	1.0 (2)	2.0 (2)	1.4 (5)	1.8 (4)		2.0 (3)	

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

Beef	1.3 (4)	1.0 (1)	1.0 (1)	2.0 (2)	1.4 (5)	1.7 (3)			
Dairy		2.0 (1)				2.0 (1)		2.0 (3)	
Goat			1.0 (1)						

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 1

Delmas, Rietkol Veterinere spreekkamer

Beef: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Gauteng**Pretoria, Anima Veterinary Consulting Rooms**

Beef: 1

Pretoria, Dr Rosaly Steyn (LNR) CSS vet

Dairy: 2

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 1, Goat: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Lichtenburg, Dr CM Kruger-Rall

Beef: 1

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1

Memel, Memel Veterinary Clinic

Beef: 2

Reitz, Froneman Veterinary Practice

Beef: 1

Vrede, Saulshoek Dierepraktyk

Beef: 2

Did not give mineral and vitamin A before calving

Winburg, Winburg Dierekliniek

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Dundee, Endumeni Herd health

Beef: 2, Dairy: 2

Ingogo, Gen XY Stud Beef Consultancy

Beef: 1

Western Cape

Malmesbury, Bergzicht Dierehospitaal

Dairy: 2

Malmesbury, Dr Otto Kriek

Dairy: 2

Swellendam, Swellendam Dierehospitaal

Dairy: 2

Sheath Prolaps

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)

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

Beef

1.0
(1)

1.0 (2)

Free State

Kroonstad, Kroonstad Dierehospitaal

Beef: 1

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Beef: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

Uterus prolaps [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	2.0 (1)		2.0 (2)	1.4 (5)	1.0 (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	2.0 (1)			2.0 (2)	1.5 (4)	1.0 (2)			
Dairy						1.0 (1)		2.0 (2)	
Sheep		2.0 (1)			1.0 (1)				

Mpumalanga

Standerton, Standerton Dierehospitaal

Beef: 2

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Rectal prolaps with uterus prolaps post partum (O 1)

North West

Brits, Brits Dierekliniek

Beef: 2

Vryburg, Vryburg Dierehospitaal

Beef: 2

Free State

Clocolan, Clocolan Dierekliniek

Beef: 1

Kroonstad, Kroonstad Dierehospitaal

Beef: 1, Sheep: 1

Memel, Memel Veterinary Clinic

Beef: 2

Vrede, Vrede Dierehospitaal

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 1

Dundee, Endumeni Herd health

Beef: 1

Estcourt, Estcourt Vet Clinic

Dairy: 1

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Malmesbury, Bergzicht Dierehospitaal

Dairy: 2

Vaginal (Cervical) prolaps [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (6)	1.0 (3)		1.3	1.7	1.8 (6)			1.0 (2)

			(3)	(9)		
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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	1.3 (4)	1.0 (2)	1.5 (2)	1.5 (6)	1.8 (5)	1.0 (1)
Sheep	1.5 (2)		1.0 (1)	2.0 (3)	2.0 (1)	1.0 (1)
Goat		1.0 (1)				

Mpumalanga

Bethal, Bethal Dierekliniek

Beef: 1, Sheep: 2

Grootvlei, Grootvlei Dierekliniek

Beef: 1, Sheep: 1

Piet Retief, Pets Vet Hospital

Beef: 2

Standerton, Standerton Dierehospitaal

Beef: 1

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1, Goat: 1

North West

Brits, Brits Dierekliniek

Beef: 1, Sheep: 1

Vryburg, Vryburg Dierehospitaal

Beef: 2

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1

Clocolan, Clocolan Dierekliniek

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 2, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Sheep: 1

Memel, Memel Veterinary Clinic

Beef: 2, Sheep: 2

Vrede, Saulshoek Dierepraktyk

Beef: 1

Vrede, Vrede Dierehospitaal

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Camperdown, Camperdown Vet Clinic

Beef: 1

Dundee, Endumeni Herd health

Beef: 2, Sheep: 2

Estcourt, Estcourt Vet Clinic

Beef: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Northern Cape

Kuruman, Dr. Maïke Ottermann CCS Vet

Sheep: 1

Kuruman, Kuruman Dierekliniek

Beef: 1

Climatical Cause**Cold exposure**

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

Mpumalanga**Standerton, Standerton Dierehospitaal**

Beef: 1

Limpopo**Polokwane, Pietersburg Veterinary Clinic**

Sheep: 1, Goat: 1

Western Cape**Oudtshoorn, Ostrimed**

Sheep: 3

Lambing and kidding season notably Angoas are struggling, even with protection

Goat: 3

Lambing and kidding season notably Angoas are struggling, even with protection

Drought

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

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

Beef: 3

Northern Cape**Kuruman, Dr. Maïke Ottermann CCS Vet**

Beef: 2, Sheep: 2, Goat: 2

Kuruman, Lea Shuda CSS Vet

Beef: 3, Sheep: 3, Goat: 3

Residues**Drug residues**

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

Dairy								1.0 (1)	
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Western Cape

Swellendam, Swellendam Dierhospitaal

Dairy: 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
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Average	2.0 (1)				1.0 (1)	1.0 (1)			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 (1)	1.0 (1)			
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Sheep	2.0 (1)								2.0 (1)
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Goat									2.0 (1)
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Mpumalanga

Delmas, Rietkol Veterinêre spreekkamer

Sheep: 2

Six sheep died after injection with drugs - waiting for results

Free State

Harrismith, Harrismith Dierhospitaal

Beef: 1

Kwazulu-Natal

Ingogo, Gen XY Stud Beef Consultancy

Beef: 1

Northern Cape

Kuruman, Lea Shuda CSS Vet

Sheep: 2, Goat: 2

Preditors

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 (1)			2.0 (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

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

Bethal, Bethal Dierekliniek

Sheep: 1

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

Dog bites

Free State

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Sheep: 3

Northern Cape

Philipstown, Rowelsfontein veearts Spreekkamer

Sheep: 3

Sabotage - Theft [^](#)

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

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

Free State

Clocolan, Clocolan Dierekliniek

Beef: 3, Sheep: 3

Harrismith, Harrismith Dierehospitaal

Sheep: 2

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Beef: 2, Goat: 2

Northern Cape

Kuruman, Lea Shuda CSS Vet

Sheep: 3, Goat: 3

Philipstown, Rowelsfontein veearts Spreekkamer

Sheep: 2

Trauma [^](#)

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

Grootvlei, Grootvlei Direkliniek

Beef: 2

North West

Brits, Brits Direkliniek

Beef: 2

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