

**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**

November 2014

The following practices and laboratories (104) submitted reports in November 2014:

Mpumalanga (10)

Balfour – dr. Louis van Jaarsveld
Bethal – dr. Hardus Pieters
Delmas – dr. Johan Jooste
Grootvlei – dr. Neels van Wyk
Lydenburg – drs. Trümpelmann and Steyn
Nelspruit – dr. André Beytell
Middelburg – drs. Fourie and Rabie
Piet Retief - drs. Niebuhr and Weber
Standerton – dr. Kobie Kroon
Volksrust – dr. André Visser

Gauteng (5)

Bapsfontein – dr. Evert Olivier
Bronkhorstspruit – drs. De Bruin, De Bruin, Rudolph and Slabber
Nigel – dr. Cindy van der Westhuizen
Onderstepoort Veterinary Academic Hospital – proff. Annandale, Prozesky, Shakespeare, drs. Blignaut,
Carrington, Gratwick, Grobler, Harmse, Holm and O’Dell
Pretoria – dr. Hanneke Pienaar

Limpopo (6)

Bela-Bela – drs. Du Toit, Hansen, Bester and Herbst
Lephalale (Ellisras) – dr. Brigitte Luck
Machado (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 (7)

Brits – drs. Boshoff and Coertze

Christiana - dr. Pieter Nel

Leeudoringstad - dr. Ian Jonker

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

Schweizer-Reneke - dr. N.J. Heyns

Stella - dr. Magdaleen Vosser

Ventersdorp – dr. Olof Marais

Free State (21)

Bloemfontein - dr. Stephan Wessels

Bothaville – dr. Johan Blaauw

Bultfontein – dr. Santjie Pieterse

Clocolan – drs. Marwick and Wasserman

Dewetsdorp – dr. Marike Badenhorst

Ficksburg – dr. Woody Kotze

Frankfort - drs. Lessing, Cilliers and Janse van Rensburg

Harrismith - drs. Thirion and Pretorius

Hertzogville – dr. Nico Hendrikz

Hoopstad - dr. Kobus Pretorius

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

Ladybrand- drs. De Vos and Nel

Memel – drs. Nixon and Nixon

Parys – drs. Wessels and Van den Berg

Reitz - dr. Murray Smith

Viljoenskroon - dr. Johan Kahts

Villiers - drs. I. Hattingh and W.D. Hauptfleish

Vrede – drs. Myburgh and Bester-Cloete

Vrede- dr. Rudolph Fourie

Wesselsbron –dr. Johan Jacobs

Winburg – Albertyn and Albertyn

KwaZulu-Natal (20)

Bergville - dr. Ariena Shepherd

Bergville – dr. Jubie Muller

Camperdown – dr. Anthony van Tonder

Dundee - dr. Tony Grace
Dundee – drs. Marais and Fynn
Estcourt – drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar
Greytown – dr. Mike Caldicott
Howick – drs. Hughes, Lund, Gordon, Allison and Taylor
Ingogo – dr. Trish Oglesby
Kokstad- drs. Clowes and Shrives
Mooi River - drs. Fowler, Hartley and Mallet
Mtubatuba – dr. Trever Viljoen
Mtunzini – dr. Peter Ardington
Newcastle – dr. Barry Rafferty
Pietermaritzburg – dr. Phillip Kretzmann
Pietermaritzburg – dr. Rick Mapham
Pongola – dr. Heinz Kohrs
Underberg - drs. Collins, King and Delaney
Underberg – dr. Pete Dommatt
Vryheid – dr. Gert Theron

Eastern Cape (9)

Alexandria - drs. Olivier and Dreyer
Aliwal North – drs. Troskie and Strauss
Cradock – dr. Frans Erasmus
Graaff- Reinet - dr. Roland Larson
Humansdorp - drs. Van Niekerk, Jansen Van Vuuren, Barker and Kotze
Jeffreys Bay - drs. Lategan, Hoek and McFarlane
Middelburg – drs. Van Rooyen and Viljoen
Queenstown – drs. Du Preez, Godley, Klopper, Jansen van Vuuren, De Klerk and Catherine
Uitenhage – drs. Mulder and Krüger

Western Cape (16)

Beaufort West - drs. Pienaar and Grobler
Caledon – Retief and Rissik
Ceres – dr. Johani Pieterse
Darling – drs. V.d. Merwe, Adam and Senekal
George - drs. Strydom, Truter, and Pettifer
Heidelberg – dr. Albert van Zyl
Malmesbury – dr. Otto Kriek
Malmesbury – dr. John Liebenberg
Oudtshoorn – dr. Glen Carlisle
Oudtshoorn – dr. Adriaan Olivier

Plettenberg Bay – dr. André Reitz
Riversdale – drs. Du Plessis, Taylor and De Bruyn
Stellenbosch – dr. Alfred Kidd
Swellendam – dr. Jacques Malan
Vredenburg - dr. Izak Rust
Wellington – dr. William van Zyl

Northern Cape (5)

Calvinia – drs. Dirk and Lizanne de Beer
De Aar – dr. Donald Anderson
Kathu – dr. Jan Vorster
Kuruman – dr. Gerhard van der Westhuizen
Upington – drs. Vorster and Visser

Feedlots (1)

Drs. Morris and Du Preez

Laboratory reports (4)

Dr. Marijke Henton - Idexx SA Johannesburg
Dr. Liza du Plessis – Idexx SA Onderstepoort
Dr. Annelize Jonker – Provincial Vet Lab, Stellenbosch
Dr. Rick Last – Vetdiagnostix, Pietermaritzburg

Summary of disease report for November 2014

104 Reports from veterinary practices and laboratories were received (Mpumalanga 10; Gauteng 5; Limpopo 6; North West 7; Free State 21; KwaZulu-Natal 20; Eastern Cape 9; Western Cape 16; Northern Cape 5; Feedlot 1 and Laboratories 4).

Internal parasites

Roundworms

With the good rains that fell in large parts of the country reports of **internal roundworm** parasitism were received. As **wireworm resistance** to anthelmintics is widespread consult your veterinarian in selecting the anthelmintic groups which are still controlling the parasites on your farm. Problems with **brown stomach worm** were also reported from the Western Cape. Ask your veterinarian to explain the concept of refugia when using dewormers to you.

Tapeworms

Reports of tapeworm infestations were received from Mpumalanga, North West, Free State, KwaZulu-Natal, Eastern and Western Cape.

Flukes

Animals that grazed in vleis during the winter where water bodies are prevalent may be infected with liver fluke. Discuss control and management programmes with your veterinarian. Signs of a liver fluke infestation are **bottle jaw** and **anaemia**. These signs are very similar to a wireworm infestation. Reports of infestation were received from Mpumalanga, North West, Free State, KwaZulu-Natal and Feedlots. Study reports from abattoirs whether animals slaughtered are infested with liver fluke and discuss control measures with your veterinarian.

Immature conical flukes cause a severe **diarrhoea**. Be aware of this clinical sign as reports were received from Mpumalanga, Free State, KwaZulu-Natal and the Eastern Cape.

Cysticercosis (measles)

Reports were received from Mpumalanga, Gauteng, Free State, KwaZulu-Natal and the Western Cape. Great losses occur when carcasses are condemned or degraded at abattoirs.

Source the origin of the infestation and install preventative measures. Train workers regarding the life cycle of *Taenia saginata*, the human tapeworm.

Coccidiosis

Numerous reports from all provinces were received except North West and the Northern Cape. Young animals are especially affected by coccidiosis. Wet and muddy conditions are an ideal place for young animals to become infected with this parasite. Discuss preventative measures with your veterinarian.

External parasites

Ticks

There was a huge **increase in blue tick** numbers. Make sure that the control measures used are effective. Blue ticks transmit African and Asiatic red water, anaplasmosis, lumpy skin disease and cause blood loss.

Reports of the presence of the following tick species were received:

Blue ticks: All provinces

Heart water tick: Mpumalanga, Gauteng, Limpopo, North West, KwaZulu-Natal, Western and even from the Northern Cape where female ticks were found on a property.

Brown ear-ticks: Mpumalanga, Gauteng, Limpopo, North West, Free State, KwaZulu-Natal and Western Cape

Bont-legged ticks: All provinces. The toxin of this tick causes sweating disease, which was reported.

Red-legged tick: Mpumalanga, Gauteng, Limpopo, North West, Free State, KwaZulu-Natal and Western Cape.

Paralysis ticks: Free State and KwaZulu-Natal.

Discuss the life cycles of these ticks and how to control them with your veterinarian, keeping in mind the selection for tick resistance. Engorged blue ticks can be collected and tested for resistance. Contact your veterinarian for information regarding the test. Do not use home made pour-ons as this is a sure way of selecting for tick resistance and having residues in the meat.

Lice

Lice (sucking and biting) numbers are decreasing after the winter. Farmers with wool sheep should check their sheep regularly for lice as they cause serious disturbance of the fleece.

Biting lice: reports were received from Mpumalanga, North West, Free State, KwaZulu-Natal and the Eastern Cape.

Sucking lice: reports were received from North West, Free State and the Western Cape.

Mites

Be on the lookout for **disturbances** in wool and hair loss. **Sheep scab** is a State controlled disease and outbreaks were received from the Northern Cape. Contact your State Veterinarian to hear whether there are positive farms in your area. Biosecurity measures to prevent sheep becoming infected should be in place at all times.

Flies, midges and mosquitoes

Numbers are on the increase after good rains in many parts of the country. Reports of nuisance flies, blowflies, screw-worm and nasal bot were received. Be on the lookout for diseases carried by these insects.

Tick borne diseases

African and Asiatic red water

The occurrence of these diseases is on the increase as blue tick numbers are on the increase. Reports were received from all provinces except the Northern Cape. Discuss vaccination programmes with your veterinarian. **Asiatic red water is a killer disease and proper steps should be taken to control this disease! Be especially on alert when introducing naive animals into red water areas.**

Anaplasmosis

Numerous reports of outbreaks were received from all provinces except Gauteng and Limpopo. This disease is spread by **blue ticks, biting flies** and **needles** (vaccinations). Conditions causing stress and diseases interfering with the immune system (eg. BVD) trigger anaplasmosis outbreaks. Discuss vaccinating cattle with your veterinarian.

Heartwater

Heartwater was reported from all provinces except the Free State, Western and Northern Cape. The occurrence of this disease is spreading as a result of game transporting the bont tick into non infected areas.

These diseases can be controlled through vaccination, fly and tick control. Discuss control measures with your veterinarian to prevent heavy losses.

Insect transmitted diseases

Lumpy skin disease

Reports were received from North West, Free State, KwaZulu-Natal and the Western Cape and Northern Cape. This confirms that some species of ticks are also capable of transmitting the virus causing lumpy skin disease. Most cases occurred in animals that had never been vaccinated. If there is an outbreak on a farm the virus can also spread via the saliva, therefore isolate diseased animals as soon as possible.

Three day stiff sickness

An increase in the occurrence of this disease was reported from Gauteng, North West, KwaZulu-Natal and the Eastern and Western Cape. Vaccine is not available.

Blue tongue

Reports of blue tongue were received from all provinces except from Limpopo and the Northern Cape. There is a crisis with the availability of vaccine. Discuss additional control measures with your veterinarian.

Rift Valley Fever and Wesselsbron disease

No reports were received

Venereal diseases

Trichomonosis

This venereal disease is causing havoc in our country. Only Gauteng, Western and Northern Cape did not report on this disease. It was reported that many farms that were previously free of the disease, are now positive. Twenty five practices reported this disease. It is of utmost importance that biosecurity

measures are in place. Together with your veterinarian plan how to prevent and control this disease. I wonder how many calves would have been born if this disease could have been eradicated?

Vibriosis

Reports were received from the Free State and Western Cape. Good vaccines exist to control this disease.

Pizzle disease

Reports were received from the Free State and Western Cape. Be careful not to transmit the disease when inspecting rams .

Bacterial diseases

The following bacterial diseases were reported: **blackquarter, pulpy kidney, lamb dysentery, swelled head, red gut, blood gut, tetanus, botulism, listeriosis, salmonellosis, bovine brucellosis (23 practices reported) , ovine brucellosis, Johnes, leptospirosis, enzootic abortion, colibacillosis, pasteurellosis and lumpy wool and senkobo.**

Many new brucellosis infections were reported mainly due to positive animals that were bought. Remember that heifers that have the disease might only start to test positive after they are 5 months pregnant!

For most of these diseases there are vaccines. Discuss the risk factors for the diseases in your area with your veterinarian and put together a control program.

Viral diseases

Bovine malignant catarrh (snotsiekte)

Snotsiekte was reported from Mpumalanga, Limpopo, Free State and Eastern Cape. As game farming with wildebeest, the carriers of the snotsiekte virus, is on the increase, this disease is getting more and more important. At present there is no vaccine available. Discuss preventative measures with your veterinarian. Remember there is also a sheep associated snotsiekte virus.

Other viral diseases that were reported are: **rabies, infectious bovine rhinotracheitis (IBR), bovine viral diarrhoea (BVD), enzootic bovine leucosis (EBL), jaagsiekte, orf and warts.**

Bovine respiratory disease (BRD) was reported from all over the country with high mortality figures. Many of the viruses mentioned above are involved. Discuss with your veterinarian how to control this disease with a vaccination program.

Poisonings

The following toxicities were reported: **cardiac glycoside, slangkop, tulip, ink berry (*Cestrum*), *Cynanchum* (klimop), facial eczema, dikoor, geeldikkop, *Lantana*, krimpsiekte, *Senecio*,**

vermeersiekte, prussic acid, chinkeretjee, mycotoxicosis, urea, copper, lead, nitrite, acidosis and snake bite.

Draw up a **protocol** with your veterinarian on how to treat these poisonings should it occur on your farm.

Nutritional

In October many reports were received of downer animals unable to get up as a result of a lack of **energy** and **protein**. Due to this poor nutritional status in cows they have difficulty in **calving, retained placentas, prolapses** and **metritis**. These animals will also have difficulty in conceiving again.

Deficiencies were received: **phosphate, calcium, iodine, copper, selenium, manganese, vitamins A and B1**. Liver, blood and bone samples can be taken by your veterinarian to get a profile of the micro and macro mineral status of your animals. Take water and soil samples, the results will help you to establish whether there are **antagonists** present which will lower the uptake of minerals.

Multifactorial diseases and other conditions

The following were reported: **abscesses, bladder stones, blindness, ophthalmia, bloat, blood gut, blue udder, mastitis, diarrhoea, joint ill, lameness, navel ill, stomach ulcers, trauma, downer cows and pneumonia.**

Reproductive diseases and other conditions

The following were reported: **abortions, dystocias, endometritis, metritis, poor conception, retained afterbirths** and **prolapses**.

Metabolic diseases

The following were reported: **acidosis, displaced abomasum, ketosis** and **milk fever**.

Other conditions

Deaths occurred due to **trauma, lightning, electrical shock and predators**.

Reports on other species

Horses: ticks, flies, African horse sickness, babesiosis, ringworm, poisoning by liver toxins, Senecio poisoning, lameness and colic.

Alpacas- umbilical hernias, pneumonia and dystocia.

Dogs - rabies in Limpopo

Ostriches - the following were reported: bont-legged ticks, insect explosion, ophthalmia, red gut, diarrhoea and nutritional problems.

Comment: Biosecurity is the key word to always keep in mind when farming with livestock. Know the disease status of animals bought in before bringing them into the herd!

To get access to previous reports visit www.lhpg.co.za and click on disease reporting

DISEASE DISTRIBUTION REPORT AS REPORTED BY VETERINARIANS

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<u>Internal Parasites</u>	Roundworms in general , Resistant Round Worms , Wireworm , Brown stomach-worm , Eye worm (Thelazia rhodesii) , 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 , Other
<u>Tick-borne Diseases</u>	African red water , Asiatic red water , Anaplasmosis , Heartwater , Sweating Sickness
<u>Insect Transmittable Diseases</u>	Lumpy skin disease , Three-day-stiffsickness , Blue tongue
<u>Venereal Diseases</u>	Trichomonosis , Vibriosis , Pizzle disease
<u>Bacterial Disease (other)</u>	Listeriosis , Other , Blackquarter , Pulpy Kidney , Lamb dysentery , Swelled head disease , Redgut (cattle) , Blood gut (Sheep) , Tetanus , Botulism , Salmonellosis , Brucella abortus , Brucella ovis , Johne`s disease , Leptospirosis , Septicaemia , Enzootic Abortion , E.coli , Dermatophilosis (Lumpy Wool) , Bovine Dermatophilosis (Senkobo disease)
<u>Protozoal diseases (other)</u>	Coccidiosis
<u>Fungal diseases</u>	Ringworm
<u>Viral Diseases (other)</u>	BMC , BVD (Bovine viral diarrhoea) , IBR (Infectious bovine rhinotracheitis) , Enzootic Bovine Leucosis (EBL) , Jaagsiekte , Orf , Warts
<u>Poisonings (Plant) and Fungal</u>	Cardiac glycoside poisoning , Cestrum , Cynanchum poisoning , Facial eczema , Geeldikkop/Dikoor , Lantana , Lupine Poisoning , Nenta poisoning (Krimpsiekte) , Prussic acid poisoning , Seneciosis , Tulip Poisoning , Vermeersiekte (Gaigeria spp.) , Micotoxycosis , Other

Poisonings	<u>Urea Poisoning</u> , <u>Snake Bite</u> , <u>Chemical products</u> , <u>Other</u>
Macro Nutritional Problems	<u>Energy deficiency</u> , <u>Protein deficiency</u> , <u>Phosphate deficiency</u> , <u>Calcium deficiency</u>
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Reproductive diseases	<u>Dystocia (Difficult Births)</u> , <u>Endometritis</u> , <u>Metritis</u> , <u>Poor conception</u> , <u>Retained afterbirth</u> , <u>Sheath Prolaps</u> , <u>Uterus prolaps</u> , <u>Vaginal (Cervical) prolaps</u>
Climatical Cause	<u>Heat stress</u> , <u>Lightning</u>
Residues	<u>Drug residues</u>
Non specific diseases	<u>Other species</u> , <u>Preditors</u> , <u>Sabotation - Theft</u>

Internal Parasites

Roundworms in general										^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	
Average	2.0 (3)	3.0 (1)	1.0 (1)	3.0 (2)	2.4 (9)	2.1 (14)	2.3 (7)	2.3 (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 (2)	2.0 (2)	1.0 (1)			
Dairy						3.0 (1)	3.0 (1)	2.0 (1)		
Sheep	2.0 (3)	3.0 (1)	1.0 (1)	3.0 (2)	2.6 (7)	2.2 (6)	2.3 (4)	2.4 (5)		
Goat						2.0 (5)	3.0 (1)			

Mpumalanga

Balfour, Balfour Dierekliniek

Sheep: 1

Middelburg , Middelburg Dierehospitaal

Sheep: 2

Standerton, Econovet

Sheep: 3

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 3

Limpopo
Polokwane, Pietersburg Veterinary Clinic
Sheep: 1
North West
Leeudoringstad, Leeudoringstad Dierekliniek
Sheep: 3
Stella, Stella Dierekliniek
Sheep: 3
Free State
Bloemfontein, Dr Stephan Wessels
Sheep: 2
Bothaville, Cape Cross Bothaville Veterinary Hospital
Sheep: 3
Sheep were moved from one area to this area, animals were undernourished and had massive round worm infestation. about 20 from one thousand died.
Clocolan, Clocolan Dierekliniek
Sheep: 3
Frankfort, Frankfort Dierekliniek
Sheep: 2
Harrismith, Harrismith Dierehospitaal
Sheep: 2
Wireworm - still problems on a few farms where sheep are farmed intensively (concentrated) - heavy infestations from September to October which is still not under control.
Hoopstad, Hoopstad Dierekliniek
Beef: 2, Sheep: 3
Reitz, Riemland Dierekliniek
Beef: 2, Sheep: 3
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Sheep: 2, Goat: 2
Howick, Howick Veterinary Clinic
Beef: 2, Dairy: 3, Sheep: 3, Goat: 3
Mooi River, Mooirivier Vet Clinic
Sheep: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Sheep: 2, Goat: 2
Pietermaritzburg, Richmond Veterinary Clinic
Sheep: 2, Goat: 2
Pongola, Pongola Animal Clinic
Sheep: 1, Goat: 1
Eastern Cape
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 3, Goat: 3
Humansdorp, Humansdorp Veterinary Clinic
Beef: 1, Sheep: 2
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 3
Queenstown, Queenstown Veterinary clinic
Sheep: 3
Uitenhage, Uitenhage Dierehospitaal

Sheep: 1									
Western Cape									
Beaufort West, Beaufort West State Vet									
Sheep: 1									
Mild case of roundworm infestation									
Caledon, Overberg Veterinary Hospital									
Sheep: 3									
Darling, Darling Dierekliniek									
Sheep: 3									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2, Sheep: 2									
Malmesbury, Malmesbury Dierehospitaal									
Sheep: 3									
Resistant Round Worms									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)	3.0 (1)		3.0 (1)	2.0 (1)		2.0 (3)	3.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Dairy							3.0 (1)		
Sheep	2.0 (2)	3.0 (1)		3.0 (1)	2.0 (1)		1.5 (2)	3.0 (1)	
Mpumalanga									
Middelburg , Middelburg Dierehospitaal									
Sheep: 2									
Standerton, Econovet									
Sheep: 2									
Gauteng									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 3									
North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Sheep: 3									
Resistance against macrocyclic lactones, benzimidazoles, imidazoles and salicylanilides in practice area.									
Free State									
Bloemfontein, Dr Stephan Wessels									
Sheep: 2									
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 2									
Perennial problem for non-vigilant farmers, especially in spring lambs									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 3									
Queenstown, Queenstown Veterinary clinic									
Sheep: 1									
Western Cape									
George, George Animal Hospital									

Sheep: 3

Wireworm [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				2.8 (5)	2.5 (2)	2.5 (2)	2.0 (3)	

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

Beef								2.0 (1)	
Sheep	1.0 (1)				2.8 (5)	2.5 (2)	2.5 (2)	2.0 (2)	

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 1

Free State

Clocolan, Clocolan Dierekliniek

Sheep: 3

Frankfort, Frankfort Dierekliniek

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Reitz, Riemland Dierekliniek

Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 3

Kwazulu-Natal

Mooi River, Mooirivier Vet Clinic

Sheep: 3

Mtubatuba, Mtubatuba Animal Clinic

Sheep: 2

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Sheep: 2

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 3

More than 10 cases

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 2

Oudtshoorn, Oudtshoorn Dierekliniek

Beef: 2

Riversdale, Riversdal Dierekliniek

Sheep: 2

Brown stomach-worm [^](#)

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

Western Cape	
Riversdale, Riversdal Dierekliniék	
Sheep: 2	
Stellenbosch, Stellenbosch Animal Hospital	
Goat: 1	

Eye worm (Thelazia rhodesii)	^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)			1.5 (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)			1.5 (2)				
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Gauteng	
Bronkhorstspuit, Kerkstraat Dierekliniék	
Beef: 2	
Free State	
Hoopstad, Hoopstad Dierekliniék	
Beef: 2	
Wesselsbron, Wesselsbron Dierekliniék	
Beef: 1	

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

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

Beef	3.0 (1)				2.0 (2)	2.0 (1)		2.0 (1)	
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Sheep	3.0 (1)			3.0 (1)	2.0 (2)		1.0 (1)	1.0 (1)	
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Mpumalanga	
Standerton, Econovet	
Beef: 3, Sheep: 3	
North West	
Leeudoringstad, Leeudoringstad Dierekliniék	
Sheep: 3	
Lambs	

Free State
Parys, Parys Dierehospitaal
Beef: 2, Sheep: 2
Reitz, Riemland Dierekliniek
Beef: 2, Sheep: 2
Kwazulu-Natal
Pietermaritzburg, Richmond Veterinary Clinic
Beef: 2
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 1
Western Cape
Malmesbury, Malmesbury Dierehospitaal
Sheep: 1
Oudtshoorn, Oudtshoorn Dierekliniek
Beef: 2

Parafilaria										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)	2.0 (1)			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 (1)			2.0 (2)			
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Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2
Limpopo
Polokwane, Pietersburg Veterinary Clinic
Beef: 2
Kwazulu-Natal
Dundee, Mpati Veterinary Clinic
Beef: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2

Liver fluke										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)				2.2 (6)	2.2 (6)	2.0 (1)	2.5 (2)	

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

Beef	2.0 (2)				2.2 (6)	2.0 (5)	2.0 (1)	2.0 (1)	
Dairy						3.0 (1)		3.0 (1)	

Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Beef: 1									
Seldom see such cases. This herd had a severe liver fluke infestation with clinical signs of anaemia. Vlei with wet conditions.									
Standerton, Econovet									
Beef: 3									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 2									
Ficksburg, Ficksburg Dierekliniek									
Beef: 2									
Frankfort, Frankfort Dierekliniek									
Beef: 3									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 2									
Memel, Memel Veterinary Clinic									
Beef: 2									
Parys, Parys Dierehospitaal									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 1									
Howick, Howick Veterinary Clinic									
Beef: 3, Dairy: 3									
Kokstad, E.G.Veterinary Services									
Beef: 1									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									
Underberg, Underberg Veterinary Surgery									
Beef: 2									
Eastern Cape									
Cradock, Cradock Veterinary Clinic									
Beef: 2									
See more and more light infestations									
Western Cape									
Riversdale, Riversdal Dierekliniek									
Dairy: 3									
Animals bled, 20% positive									
Vredenburg, Vredenburg Dierehospitaal									
Beef: 2									
Livers condemned at abattoir									

Conical Flukes									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)				2.5 (2)	2.0 (4)	2.0 (2)		

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

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

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Standerton, Econovet

Beef: 3

Volksrust, Volksrust Dierehospitaal

Beef: 1

Free State

Frankfort, Frankfort Dierekliniek

Beef: 3

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 2

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Beef: 3, Dairy: 3

Kokstad, E.G.Veterinary Services

Beef: 1

Underberg, Underberg Veterinary Surgery

Beef: 1

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 3

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 1

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 (1)		2.0 (1)	

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

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

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Abattoir inspections, all animals from feedlots.

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 3

abattoir

Free State

Parys, Parys Dierehospitaal
Beef: 2
Kwazulu-Natal
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 1
Western Cape
Malmesbury, Malmesbury Dierehospitaal
Beef: 2

External Parasites

Blue ticks [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (6)	3.0 (3)	2.8 (5)	3.0 (3)	2.6 (20)	2.4 (18)	3.0 (3)	2.9 (7)	3.0 (1)

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

Beef	2.4 (5)	3.0 (1)	2.8 (4)	3.0 (3)	2.5 (15)	2.4 (14)	3.0 (3)	2.8 (5)	3.0 (1)
Dairy	2.0 (1)	3.0 (1)			3.0 (2)	2.7 (3)		3.0 (1)	
Sheep		3.0 (1)	3.0 (1)		3.0 (3)	2.0 (1)		3.0 (1)	

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Middelburg , Middelburg Dierehospitaal
Beef: 3
Nelspruit, Nelspruit Animal Hospital
Beef: 2, Dairy: 2
Standerton, Econovet
Beef: 3
Volksrust, Volksrust Dierehospitaal
Beef: 3
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 3, Dairy: 3
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 3
Limpopo
Bela-Bela, Warmbad Dierekliniek
Beef: 3
Machado, Blouberg Dierekliniek
Beef: 3
Mokopane, Dr Henk Visser
Beef: 2
Polokwane, Pietersburg Veterinary Clinic
Beef: 3, Sheep: 3

North West
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3
Stella, Stella Dierekliniek
Beef: 3
Ventersdorp, Buffelsvlei Dierekliniek
Beef: 3
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 2
Clocolan, Clocolan Dierekliniek
Beef: 3, Dairy: 3
Dewetsdorp, Platkop Dierekliniek
Beef: 3, Sheep: 3
Ficksburg, Ficksburg Dierekliniek
Beef: 2
Frankfort, Frankfort Dierekliniek
Beef: 3
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 3
Memel, Memel Veterinary Clinic
Beef: 2
Parys, Parys Dierehospitaal
Beef: 3, Sheep: 3
Reitz, Riemland Dierekliniek
Beef: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 3
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2
Vrede, Saulhoek Dierepraktik
Beef: 2
Vrede, Vrede Dierehospitaal
Beef: 3
Wesselsbron, Wesselsbron Dierekliniek
Beef: 1
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Bergville, Tugela Vet Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 3
Estcourt, Estcourt Vet Clinic
Beef: 2, Dairy: 2
Greytown, Greytown Veterinary Hospital
Beef: 1
The weather has been too cold for ticks

Howick, Howick Veterinary Clinic
Beef: 3, Dairy: 3
Ingogo, Gen XY Stud Beef Consultancy
Beef: 3
Kokstad, E.G.Veterinary Services
Beef: 2, Sheep: 2
Mooi River, Mooirivier Vet Clinic
Beef: 3, Dairy: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 3
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3
Start of season
Pongola, Pongola Animal Clinic
Beef: 1
Underberg, Underberg Veterinary Surgery
Beef: 2
Vryheid, Gert Theron Vryheid
Beef: 3
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 3
Aliwal North, Uitspan C Troskie
Beef: 3
Queenstown, Queenstown Veterinary clinic
Beef: 3
Western Cape
Caledon, Overberg Veterinary Hospital
Beef: 3, Sheep: 3
George, George Animal Hospital
Beef: 3
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 3
Malmesbury, Malmesbury Dierehospitaal
Beef: 3
Oudtshoorn, Oudtshoorn Dierekliniek
Beef: 2
On the increase
Riversdale, Riversdal Dierekliniek
Beef: 3
Northern Cape
De Aar, De Aar Veterinary Clinic
Beef: 3

Resistant blue Ticks									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			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	3.0 (1)	2.0 (3)
Limpopo		
Machado, Blouberg Dierekliniék		
Beef: 3		
Kwazulu-Natal		
Bergville, Bergville Veterinary Clinic		
Beef: 2		
Mtubatuba, Mtubatuba Animal Clinic		
Beef: 2		
Pietermaritzburg, Richmond Veterinay Clinic		
Beef: 2		

Heartwater (Bont) ticks	^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)	2.0 (2)	2.8 (5)	3.0 (1)		2.4 (15)		3.0 (1)	1.0 (1)

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

Beef	2.0 (2)		2.8 (4)	3.0 (1)		2.5 (8)		3.0 (1)	1.0 (1)
Dairy						2.0 (1)			
Sheep		2.0 (2)	3.0 (1)			2.3 (3)			
Goat						2.3 (3)			

Mpumalanga									
Balfour, Balfour Dierekliniék									
Beef: 1									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3									
Gauteng									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 3									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Sheep: 1									
Limpopo									
Bela-Bela, Warmbad Dierekliniék									
Beef: 3									
Machado, Blouberg Dierekliniék									
Beef: 3									
Mokopane, Dr Henk Visser									
Beef: 2									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 3, Sheep: 3									
North West									
Stella, Stella Dierekliniék									
Beef: 3									

Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Dundee, Endumeni Herd health									
Beef: 3									
Dundee, Mpati Veterinary Clinic									
Beef: 3									
Estcourt, Estcourt Vet Clinic									
Beef: 2, Dairy: 2, Sheep: 2, Goat: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2, Sheep: 2, Goat: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Pongola, Pongola Animal Clinic									
Beef: 3, Sheep: 3, Goat: 3									
Vryheid, Gert Theron Vryheid									
Beef: 3									
Western Cape									
Riversdale, Riversdal Dierekliniek									
Beef: 3									
Northern Cape									
Kathu, Kathu Dierekliniek									
Beef: 1									
A man caught two ticks on his "stoep" in town, could not recognise them, brought them in for Id. They were 2 x female <i>Amblyomma hebraeum</i> ticks. Not prevalent to the area. Owner purchased "Kraal manure" a while ago from a farmer near Van Zylsrus. Owner's property was sprayed with amitraz after the ticks were identified.									
Brown ear-ticks									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.7 (3)	1.5 (2)	3.0 (4)	2.0 (1)	2.2 (5)	2.0 (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	2.7 (3)	1.5 (2)	3.0 (3)	2.0 (1)	2.2 (5)	2.0 (4)		2.5 (2)	
Sheep			3.0 (1)						
Mpumalanga									
Middelburg , Middelburg Dierehospitaal									
Beef: 3									
Standerton, Econovet									
Beef: 3									
Volksrust, Volksrust Dierehospitaal									
Beef: 2									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 1									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									

Limpopo
Machado, Blouberg Dierekliniek
Beef: 3
Mokopane, Dr Henk Visser
Beef: 3
Polokwane, Pietersburg Veterinary Clinic
Beef: 3, Sheep: 3
North West
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 2
Immatures
Free State
Parys, Parys Dierehospitaal
Beef: 3
Reitz, Riemland Dierekliniek
Beef: 1
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 2
Vrede, Saulshoek Dierepraktyk
Beef: 2
Vrede, Vrede Dierehospitaal
Beef: 3
Kwazulu-Natal
Dundee, Mpati Veterinary Clinic
Beef: 1
Estcourt, Estcourt Vet Clinic
Beef: 2
Howick, Howick Veterinary Clinic
Beef: 3
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 2
Western Cape
Caledon, Overberg Veterinary Hospital
Beef: 3
Oudtshoorn, Oudtshoorn Dierekliniek
Beef: 2
On the increase

Bont-legged ticks [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)	2.0 (2)	3.0 (4)	2.3 (3)	2.5 (22)	3.0 (2)	3.0 (3)	3.0 (3)	2.0 (3)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.0 (2)	2.0 (1)	3.0 (3)	2.3 (3)	2.4 (16)	3.0 (2)	3.0 (1)	3.0 (3)	2.0 (2)

Dairy				3.0 (1)		
Sheep	2.0 (1)	3.0 (1)		2.6 (5)	3.0 (1)	2.0 (1)
Goat					3.0 (1)	

Mpumalanga						
Balfour, Balfour Dierekliniek						
Beef: 1						
Volksrust, Volksrust Dierehospitaal						
Beef: 3						
Gauteng						
Bapsfontein, Bapsfontein Dierehospitaal						
Beef: 2, Sheep: 2						
Limpopo						
Bela-Bela, Warmbad Dierekliniek						
Beef: 3						
Machado, Blouberg Dierekliniek						
Beef: 3						
Polokwane, Pietersburg Veterinary Clinic						
Beef: 3, Sheep: 3						
North West						
Christiana, Christiana Dierehospitaal						
Beef: 1						
Stella, Stella Dierekliniek						
Beef: 3						
Ventersdorp, Buffelsvlei Dierekliniek						
Beef: 3						
Free State						
Bloemfontein, Dr Stephan Wessels						
Beef: 3						
Bothaville, Cape Cross Bothaville Veterinary Hospital						
Beef: 2						
Bultfontein, Greylingrust Dierspreekkamer						
Beef: 3						
Clocolan, Clocolan Dierekliniek						
Beef: 3						
Dewetsdorp, Platkop Dierekliniek						
Beef: 3, Sheep: 3						
Ficksburg, Ficksburg Dierekliniek						
Beef: 1						
Frankfort, Frankfort Dierekliniek						
Beef: 3						
Hoopstad, Hoopstad Dierekliniek						
Beef: 3, Sheep: 3						
Kroonstad, Kroonstad Dierehospitaal						
Beef: 3, Dairy: 3, Sheep: 3						
Memel, Memel Veterinary Clinic						
Beef: 2						
Parys, Parys Dierehospitaal						
Beef: 3, Sheep: 3						
Viljoenskroon, Viljoenskroon Dierekliniek						
Beef: 3						

Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Vrede, Saulhoek Dierepraktyk									
Beef: 2									
Vrede, Vrede Dierehospitaal									
Beef: 1									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 1, Sheep: 1									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 3									
Vryheid, Gert Theron Vryheid									
Beef: 3									
Eastern Cape									
Middelburg (EC), Steynsburg Dierehospitaal									
Beef: 3, Sheep: 3									
More than 100 cases									
Goat: 3									
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Beef: 3									
Oudtshoorn, Ostrimed									
Beef: 3									
Riversdale, Riversdal Dierekliniek									
Beef: 3									
Northern Cape									
De Aar, De Aar Veterinary Clinic									
Beef: 2, Sheep: 2									
Kuruman, Kuruman Dierekliniek									
Beef: 2									
Red-legged ticks									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (6)	2.0 (2)	3.0 (2)	2.5 (4)	2.4 (12)	2.8 (6)	2.0 (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)	2.0 (1)	3.0 (1)	2.3 (3)	2.3 (7)	2.8 (4)	2.0 (2)		
Dairy					3.0 (1)			3.0 (1)	
Sheep	2.3 (3)	2.0 (1)	3.0 (1)	3.0 (1)	2.5 (4)	3.0 (1)	2.0 (1)	2.0 (1)	
Goat						3.0 (1)	2.0 (1)		
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1, Sheep: 1									
Standerton, Econovet									
Beef: 3, Sheep: 3									

Volksrust, Volksrust Dierehospitaal
Beef: 3, Sheep: 3
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2, Sheep: 2
Limpopo
Polokwane, Pietersburg Veterinary Clinic
Beef: 3, Sheep: 3
North West
Christiana, Christiana Dierehospitaal
Beef: 1
Schweizer-Reneke, NJ Heyns
Beef: 3
Stella, Stella Dierekliniek
Beef: 3, Sheep: 3
Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 2
Bultfontein, Greylingrust Dieresprekkamer
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 3, Sheep: 3
Memel, Memel Veterinary Clinic
Beef: 2
Parys, Parys Dierehospitaal
Beef: 2, Sheep: 2
Vrede, Saulshoek Dierepraktyk
Beef: 2, Sheep: 2
Kwazulu-Natal
Dundee, Mpati Veterinary Clinic
Beef: 3, Sheep: 3, Goat: 3
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 2
Underberg, Underberg Veterinary Surgery
Beef: 3
Vryheid, Gert Theron Vryheid
Beef: 3
Eastern Cape
Cradock, Cradock Veterinary Clinic
Beef: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Beef: 2, Sheep: 2, Goat: 2
Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 3, Sheep: 2
Paralysis ticks



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									
Sheep					1.5 (2)	1.0 (1)			

Free State

Harrismith, Harrismith Dierehospitaal

Sheep: 2

Still a problem on numerous farms.

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Sheep: 1

Biting lice (red lice)



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

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Standerton, Econovet

Sheep: 3

North West

Christiana, Christiana Dierehospitaal

Beef: 1

Free State

Clocolan, Clocolan Dierekliniek

Beef: 3, Dairy: 2

Frankfort, Frankfort Dierekliniek

Beef: 3

Reitz, Riemland Dierekliniek

Sheep: 2

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Beef: 2, Sheep: 2

Eastern Cape

Queenstown, Queenstown Veterinary clinic

Beef: 2

Sucking lice (blue lice)

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

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

Beef				1.0 (1)	3.0 (2)				
Dairy					1.0 (1)				
Goat					3.0 (1)			1.0 (1)	

North West

Christiana, Christiana Dierehospitaal

Beef: 1

Free State

Clocolan, Clocolan Dierekliniek

Beef: 3, Dairy: 1

Frankfort, Frankfort Dierekliniek

Beef: 3

Vrede, Saulshoek Dierepraktik

Goat: 3

Western Cape

Oudtshoorn, Ostrimed

Goat: 1

Scab mites

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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Northern Cape

Calvinia, Calvinia Veeartskliniek

Sheep: 2

Sheepscab on two farms in "agter Hantam"

Mange Mites

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.0 (1)								
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)								
Free State									
Reitz, Riemland Dierekliniek									
Beef: 1									
Nuisance Flies									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.2 (6)			3.0 (3)	2.3 (12)	2.8 (13)	3.0 (1)	2.9 (10)	
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)	2.4 (7)	2.9 (7)		3.0 (5)	
Dairy	2.0 (1)				2.5 (2)	3.0 (1)	3.0 (1)	2.5 (2)	
Sheep	2.0 (2)			3.0 (1)	2.0 (3)	2.7 (3)		3.0 (2)	
Goat						2.5 (2)		3.0 (1)	
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1, Sheep: 1									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3									
Responsible for intense irritation, especially stable flies.									
Dairy: 2									
Standerton, Econovet									
Beef: 3, Sheep: 3									
North West									
Schweizer-Reneke, NJ Heyns									
Beef: 3									
Stella, Stella Dierekliniek									
Beef: 3, Sheep: 3									
Free State									
Bultfontein, Greylingrust Dieresprekkamer									
Beef: 3									
Dewetsdorp, Platkop Dierekliniek									
Sheep: 2									
Ficksburg, Ficksburg Dierekliniek									
Beef: 3, Sheep: 3									
Frankfort, Frankfort Dierekliniek									
Beef: 3									
Kroonstad, Kroonstad Dierehospitaal									
Dairy: 3									
Memel, Memel Veterinary Clinic									

Beef: 2
Reitz, Riemland Dierekliniek
Beef: 3, Dairy: 2
Vrede, Saulshoek Dierepraktyk
Beef: 2
Wesselsbron, Wesselsbron Dierekliniek
Beef: 1, Sheep: 1
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 3
Bergville, Tugela Vet Clinic
Beef: 2, Sheep: 2, Goat: 2
Dundee, Endumeni Herd health
Beef: 3, Sheep: 3
Dundee, Mpati Veterinary Clinic
Beef: 3, Sheep: 3, Goat: 3
Ingogo, Gen XY Stud Beef Consultancy
Beef: 3
Mooi River, Mooirivier Vet Clinic
Beef: 3, Dairy: 3
Vryheid, Gert Theron Vryheid
Beef: 3
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 3
Western Cape
Caledon, Overberg Veterinary Hospital
Sheep: 3
Darling, Darling Dierekliniek
Beef: 3
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 3
Malmesbury, Dr Otto Kriek
Beef: 3
Oudtshoorn, Ostrimed
Beef: 3, Sheep: 3, Goat: 3
Oudtshoorn, Oudtshoorn Dierekliniek
Beef: 3
Stellenbosch, Stellenbosch Animal Hospital
Dairy: 2
Swellendam, Swellendam Dierehospitaal
Beef: 3

Blowflies										^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	
Average	1.3 (3)				2.3 (3)	1.0 (1)	2.0 (1)	3.0 (2)		

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

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

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Sheep: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Free State

Ficksburg, Ficksburg Dierekliniek

Beef: 1

Frankfort, Frankfort Dierekliniek

Beef: 3

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Kwazulu-Natal

Pongola, Pongola Animal Clinic

Beef: 1

Eastern Cape

Queenstown, Queenstown Veterinary clinic

Sheep: 2

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 3

Riversdale, Riversdal Dierekliniek

Sheep: 3

Screw-worm

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

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

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

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Especially secondary to tick bites.

North West

Brits, Brits Dierekliniek

Beef: 3, Sheep: 3

Free State

Reitz, Riemland Dierekliniek

Sheep: 2									
Kwazulu-Natal									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2, Goat: 2									
Nasal bot larvae									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)		2.0 (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									
Sheep		2.0 (1)		2.0 (1)	2.7 (3)				
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 2									
North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Sheep: 2									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 3									
Reitz, Riemland Dierekliniek									
Sheep: 3									
Vrede, Saulshoek Dierepraktyk									
Sheep: 2									
Midges									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)			2.0 (1)	2.4 (11)	1.7 (3)		2.6 (7)	2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)			2.0 (1)	2.2 (6)	1.7 (3)		2.7 (3)	
Dairy					3.0 (1)			3.0 (1)	
Sheep					2.5 (4)			2.5 (2)	2.0 (1)
Goat								2.0 (1)	
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
North West									
Schweizer-Reneke, NJ Heyns									
Beef: 2									
Midges and mosquitoes									

Free State
Bloemfontein, Dr Stephan Wessels
Sheep: 2
Bultfontein, Greylingrust Dieresprekkamer
Beef: 3
Clocolan, Clocolan Dierekliniek
Beef: 3, Dairy: 3, Sheep: 3
Memel, Memel Veterinary Clinic
Beef: 2
Reitz, Riemland Dierekliniek
Sheep: 2
Vrede, Saulshoek Dieredpraktik
Beef: 3, Sheep: 3
Vrede, Vrede Dierehospitaal
Beef: 1
Wesselsbron, Wesselsbron Dierekliniek
Beef: 1
Kwazulu-Natal
Greytown, Greytown Veterinary Hospital
Beef: 1
The weather has been too cold for midges
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3
Underberg, Waterford Farm, Underberg
Beef: 1
Very dry spring, low insect challenge
Western Cape
Darling, Darling Dierekliniek
Beef: 3
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 3, Sheep: 3
Malmesbury, Malmesbury Dierehospitaal
Beef: 3
Oudtshoorn, Ostrimed
Beef: 2
An insect explosion. Associated problems notably eye infections. Water in irrigation channels stimulate insect activity notably mosquitoes and midges.
Sheep: 2
An insect explosion. Associated problems notably eye infections. Water in irrigation channels stimulate insect activity notably mosquitoes and midges.
Goat: 2
An insect explosion. Associated problems notably eye infections. Water in irrigation channels stimulate insect activity notably mosquitoes and midges.
Northern Cape
De Aar, De Aar Veterinary Clinic
Sheep: 2
Mosquitoes
Tick-borne Diseases

African red water									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (3)	1.7 (3)	2.0 (1)	3.0 (1)	2.0 (3)	2.0 (13)	1.8 (5)	3.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.3 (3)	1.5 (2)	2.0 (1)	3.0 (1)	2.0 (3)	2.0 (12)	1.3 (3)	3.0 (1)	
Dairy		2.0 (1)				2.0 (1)	2.5 (2)	3.0 (1)	
Mpumalanga									
Grootvlei, Grootvlei Dierekliniek									
Beef: 2									
Piet Retief, Pets Vet Hospital									
Beef: 2									
Standerton, Econovet									
Beef: 3									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2, Dairy: 2									
Nigel, Welgelegen Dierekliniek									
Beef: 1									
Limpopo									
Machado, Blouberg Dierekliniek									
Beef: 2									
North West									
Brits, Brits Dierekliniek									
Beef: 3									
New cattle introductions in Brits suffer from African and Asiatic red water.									
Free State									
Frankfort, Frankfort Dierekliniek									
Beef: 2									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Bergville, Tugela Vet Clinic									
Beef: 1									
Dundee, Endumeni Herd health									
Beef: 2									
Dundee, Mpati Veterinary Clinic									
Beef: 2									
Red water cases in newly introduced cattle from the Free State									
Estcourt, Estcourt Vet Clinic									
Beef: 1									

Howick, Howick Veterinary Clinic									
Beef: 3, Dairy: 2									
Ingogo, Gen XY Stud Beef Consultancy									
Beef: 2									
Kokstad, E.G.Veterinary Services									
Beef: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Newcastle, Ncanduvet Newcastle									
Beef: 3									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Vryheid, Gert Theron Vryheid									
Beef: 3									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Dairy: 3									
Huge increase in clinical cases after 4 years of relative low incidence									
Humansdorp, Humansdorp Veterinary Clinic									
Beef: 2, Dairy: 2									
Queenstown, Queenstown Veterinary clinic									
Beef: 1									
Uitenhage, Uitenhage Dierehospitaal									
Beef: 1									
Western Cape									
George, George Animal Hospital									
Beef: 3									
Season started									
Heidelberg (WC), Heidelberg Direkliniek									
Dairy: 3									
Asiatic red water									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (5)	2.3 (4)	2.0 (1)		2.0 (2)	2.0 (8)	1.5 (2)	2.5 (4)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.8 (5)	2.3 (3)	2.0 (1)		2.0 (2)	2.0 (8)	1.5 (2)	2.3 (3)	
Dairy		2.0 (1)						3.0 (1)	
Mpumalanga									
Lydenburg, Lydenburg Dieresprekkamer									
Beef: 2									
Middelburg , Middelburg Dierehospitaal									
Beef: 1									
Piet Retief, Pets Vet Hospital									
Beef: 2									
Standerton, Econovet									

Beef: 2
Volksrust, Volksrust Dierehospitaal
Beef: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2, Dairy: 2
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 2
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Beef: 3
Limpopo
Machado, Blouberg Dierekliniek
Beef: 2
Free State
Frankfort, Frankfort Dierekliniek
Beef: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Bergville, Tugela Vet Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 3
High mortality rate for Asiatic red water. Animals that are moved into the area have a high mortality rate.
Kokstad, E.G.Veterinary Services
Beef: 1
Mooi River, Mooirivier Vet Clinic
Beef: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 1
Vryheid, Gert Theron Vryheid
Beef: 3
Eastern Cape
Queenstown, Queenstown Veterinary clinic
Beef: 2
Uitenhage, Uitenhage Dierehospitaal
Beef: 1
Western Cape
George, George Animal Hospital
Beef: 3
Season started
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 3
Riversdale, Riversdal Dierekliniek
Beef: 2
Swellendam, Swellendam Dierehospitaal

Beef: 2

Anaplasmosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)			1.3 (3)	1.9 (13)	1.8 (5)	2.3 (3)	2.0 (9)	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	1.7 (3)			1.3 (3)	1.8 (10)	1.8 (5)	3.0 (1)	1.7 (6)	1.5 (2)
Dairy					2.3 (3)		2.0 (2)	2.7 (3)	

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Volksrust, Volksrust Dierehospitaal

Beef: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 2

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 1

Ventersdorp, Buffelsvlei Dierekliniek

Beef: 1

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 1

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 2

Clocolan, Clocolan Dierekliniek

Beef: 2

Frankfort, Frankfort Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 2

Kroonstad, Kroonstad Dierehospitaal

Beef: 2, Dairy: 3

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 2

Parys, Parys Dierehospitaal

Beef: 2, Dairy: 2

Reitz, Riemland Dierekliniek

Beef: 2, Dairy: 2

Vrede, Vrede Dierehospitaal

Beef: 1

Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Kokstad, E.G.Veterinary Services									
Beef: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Vryheid, Gert Theron Vryheid									
Beef: 2									
A Bovelder bull worth R60 000 died.									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Dairy: 2									
Aliwal North, Uitspan C Troskie									
Beef: 3									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Beef: 1									
Ceres, Ceres Veterinary Hospital									
Beef: 1									
Darling, Darling Dierekliniek									
Beef: 2									
George, George Animal Hospital									
Beef: 2									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 3									
Malmesbury, Dr Otto Kriek									
Beef: 3									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 3									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 1, Dairy: 2									
Northern Cape									
Kathu, Kathu Dierekliniek									
Beef: 1									
Kuruman, Kuruman Dierekliniek									
Beef: 2									

Heartwater									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)	2.5 (2)	2.4 (7)	2.0 (3)		1.5 (11)	1.8 (4)		

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

reported						
Beef	1.5 (2)		2.7 (3)	2.0 (3)		1.5 (6) 2.0 (1)
Dairy						2.0 (1) 2.0 (1)
Sheep		2.5 (2)	2.3 (4)			1.0 (1) 1.0 (1)
Goat						1.7 (3) 2.0 (1)

Mpumalanga						
Middelburg , Middelburg Dierehospitaal						
Beef: 1						
Outbreak on the border of the endemic area - difficult to manage						
Nelspruit, Nelspruit Animal Hospital						
Beef: 2						
Gauteng						
Pretoria, Anima Veterinary Consulting Rooms						
Sheep: 3						
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic						
Sheep: 2						
Limpopo						
Bela-Bela, Warmbad Dierekliniek						
Beef: 2, Sheep: 2						
Machado, Blouberg Dierekliniek						
Beef: 3, Sheep: 3						
Polokwane, Pietersburg Veterinary Clinic						
Beef: 3, Sheep: 3						
Vaalwater, Vaalwater Dieresprekkamer						
Sheep: 1						
North West						
Brits, Brits Dierekliniek						
Beef: 3						
With the arrival of summer and increase in tick numbers, heartwater numbers increase.						
Rustenburg, Protea Dierekliniek						
Beef: 2						
Stella, Stella Dierekliniek						
Beef: 1						
Kwazulu-Natal						
Bergville, Bergville Veterinary Clinic						
Beef: 1						
Dundee, Endumeni Herd health						
Beef: 2						
Dundee, Mpati Veterinary Clinic						
Beef: 1						
Estcourt, Estcourt Vet Clinic						
Beef: 2, Dairy: 2, Goat: 2						
Mtubatuba, Mtubatuba Animal Clinic						
Beef: 2, Goat: 2						
Pongola, Pongola Animal Clinic						
Beef: 1						
Endemic						
Sheep: 1						
Endemic						

Goat: 1
Endemic
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2, Sheep: 1
Uitenhage, Uitenhage Dierehospitaal
Beef: 2, Goat: 2

Sweating Sickness [^](#)

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

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

Beef				1.5 (2)	1.0 (3)				
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North West
Brits, Brits Dierekliniek
Beef: 1
Christiana, Christiana Dierehospitaal
Beef: 2
Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 1
Hoopstad, Hoopstad Dierekliniek
Beef: 1
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 1

Insect Transmittable Diseases

Lumpy skin disease [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.5 (2)	2.5 (2)	2.1 (8)		1.7 (7)	1.0 (1)

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

Beef				1.0 (1)	2.0 (1)	2.0 (6)		1.8 (4)	1.0 (1)
Dairy				2.0 (1)	3.0 (1)	2.5 (2)		1.7 (3)	

North West
Christiana, Christiana Dierehospitaal
Beef: 1
Schweizer-Reneke, NJ Heyns
Dairy: 2
5 cattle

Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 2, Dairy: 3									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Estcourt, Estcourt Vet Clinic									
Beef: 2, Dairy: 3									
Post vaccination									
Kokstad, E.G.Veterinary Services									
Beef: 1									
Newcastle, Ncanduvet Newcastle									
Beef: 3									
Pongola, Pongola Animal Clinic									
Beef: 2									
Underberg, Underberg Veterinary Surgery									
Dairy: 2									
<5% naive dairy heifers showed delayed sensitivity lumps 2 weeks after vaccination. 100% recovery									
Vryheid, Gert Theron Vryheid									
Beef: 2									
Communal areas									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Beef: 3									
Ceres, Ceres Veterinary Hospital									
Beef: 1									
One cow									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 1									
Oudtshoorn, Ostrimed									
Beef: 2									
Riversdale, Riversdal Dierekliniek									
Dairy: 2									
Outbreaks on 2 farms									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 1									
Northern Cape									
Calvinia, Calvinia Veeartskliniek									
Beef: 1									
One animal with clinical signs the same as lumpy skin disease - could not be confirmed by lab									

Three-day-stiffsickness										^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	
Average		2.0 (1)		2.0 (1)	1.6 (5)	2.0 (2)	1.0 (1)	2.5 (2)		

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

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

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 2

Severe clinical signs

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 2

Free State

Ladybrand, Ladybrand / Excelsior Dierekliniek

Dairy: 1

Reitz, Riemland Dierekliniek

Beef: 2, Dairy: 2

Vrede, Saulshoek Dierepraktik

Beef: 2

Unvaccinated calves in camps next to river

Vrede, Vrede Dierehospitaal

Beef: 1

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Beef: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 1

Western Cape

Darling, Darling Dierekliniek

Beef: 3

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Blue tongue



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

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

Sheep	2.0 (1)	2.0 (1)		1.5 (2)	2.0 (1)	1.0 (1)	2.0 (2)	2.5 (4)	
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Mpumalanga

Piet Retief, Pets Vet Hospital

Sheep: 2

Blue tongue in one flock

Gauteng
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Sheep: 2
North West
Brits, Brits Dierekliniek
Sheep: 1
Leeudoringstad, Leeudoringstad Dierekliniek
Sheep: 2
Farmers report blue tongue
Free State
Reitz, Riemland Dierekliniek
Sheep: 2
Kwazulu-Natal
Kokstad, E.G.Veterinary Services
Sheep: 1
Eastern Cape
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 2
A few cases seen and some cases reported. Unavailability of the vaccine.
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 2
Western Cape
Ceres, Ceres Veterinary Hospital
Sheep: 2
Five deaths - no vaccine available
Heidelberg (WC), Heidelberg Dierekliniek
Sheep: 3
Swellendam, Swellendam Dierehospitaal
Sheep: 3
Vaccine not available
Wellington, Wellington Dierehospitaal
Sheep: 2

Venereal Diseases

Trichomonosis [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.7 (3)		2.5 (2)	2.0 (3)	2.1 (14)	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	2.7 (3)		2.5 (2)	2.0 (3)	2.1 (12)	2.0 (4)	3.0 (1)		
Dairy					2.0 (2)				

Mpumalanga
Grootvlei, Grootvlei Dierekliniek

Beef: 2
Piet Retief, Pets Vet Hospital
Beef: 3
Remaining a problem
Standerton, Econovet
Beef: 3
Limpopo
Machado, Blouberg Dierekliniek
Beef: 2
Three positive bulls on 2 farms - new farms
Polokwane, Pietersburg Veterinary Clinic
Beef: 3
North West
Christiana, Christiana Dierehospitaal
Beef: 2
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 1
A positive bull in a herd that was positive, then negative for a few years. The neighbour's bull broke into the heifer herd.
Stella, Stella Dierekliniek
Beef: 3
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 2
Two new farms: 2 bulls positive in Wepener and 2 bulls positive in Bloemfontein
Clocolan, Clocolan Dierekliniek
Beef: 2, Dairy: 2
Frankfort, Frankfort Dierekliniek
Beef: 1
Hertzogville, Hertzogville Dierekliniek
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 2
Parys, Parys Dierehospitaal
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 1
This farm had previously been infected with trichomonosis
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 3
Vrede, Saulshoek Dierepraktyk
Beef: 2
Kwazulu-Natal
Dundee, Endumeni Herd health

Beef: 2
Dundee, Mpati Veterinary Clinic
Beef: 1
One bull positive out of 5 tested
Newcastle, Ncanduvet Newcastle
Beef: 3
Vryheid, Gert Theron Vryheid
Beef: 2
Cases on new farm

Eastern Cape

Aliwal North, Uitspan C Troskie
Beef: 3

Twenty bulls tested 11 positive – neighbour’s bulls came into the herd.

Vibriosis

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.7 (7)		2.0 (1)		

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

Beef					1.7 (7)		2.0 (1)		
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Free State

Bloemfontein, Dr Stephan Wessels
Beef: 2
Four bulls positive in Brandfort; 2 positive in Petrusburg and 3 in Wepener. These are all new herds.
Clocolan, Clocolan Dierekliniek
Beef: 2
Dewetsdorp, Platkop Dierekliniek
Beef: 2
Hertzogville, Hertzogville Dierekliniek
Beef: 1
Kroonstad, Kroonstad Dierehospitaal
Beef: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 1

Eastern Cape

Queenstown, Queenstown Veterinary clinic
Beef: 2

Pizzle disease

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

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

Sheep		2.0 (1)						1.7 (3)	
Free State									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 2									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 2									
George, George Animal Hospital									
Sheep: 2									
Heidelberg (WC), Heidelberg Dierekliniek									
Sheep: 1									

Bacterial Disease (other)

Listeriosis									
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

Dairy						2.0 (1)			
Sheep								1.0 (1)	

Kwazulu-Natal									
Howick, Howick Veterinary Clinic									
Dairy: 2									
Western Cape									
Vredenburg, Vredenburg Dierehospitaal									
Sheep: 1									
<i>Listeria</i> isolated from brain.									

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

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

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

Free State									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 3									

Pasteurellosis

Eastern Cape

Queenstown, Queenstown Veterinary clinic

Beef: 2

Clostridial abomasitis

Western Cape

Stellenbosch, Provincial Veterinary Laboratory

Dairy: 1

Paarl area: *Trueperella pyogenes* was isolated from a cow with vegetative endocarditis and infarcts in both kidneys. *T. pyogenes* can cause a wide range of pyogenic infections in cattle, including vegetative endocarditis.

Blackquarter



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)	2.0 (1)	1.5 (6)	1.7 (7)			

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

Beef	2.0 (1)	2.0 (1)	1.0 (1)	2.0 (1)	1.5 (6)	1.7 (7)			
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Mpumalanga

Middelburg , Middelburg Dierehospitaal

Beef: 2

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 1

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 2

Adult cattle - positive on histopathology.

Free State

Ficksburg, Ficksburg Dierekliniek

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Memel, Memel Veterinary Clinic

Beef: 1

Reitz, Riemland Dierekliniek

Beef: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Bergville, Tugela Vet Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 2
Estcourt, Estcourt Vet Clinic
Beef: 1
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 2
Pongola, Pongola Animal Clinic
Beef: 1
Underberg, Underberg Veterinary Surgery
Beef: 2

Pulpy Kidney										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.5 (2)	1.0 (2)		2.0 (1)	2.0 (6)	1.3 (3)	1.5 (4)	1.8 (6)	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

Dairy							1.0 (1)		
Sheep	2.5 (2)	1.0 (1)		2.0 (1)	2.2 (5)	1.3 (3)	2.0 (2)	1.8 (6)	1.5 (2)
Goat		1.0 (1)			1.0 (1)		1.0 (1)		

Mpumalanga
Standerton, Econovet
Sheep: 3
Volkstrust, Volkstrust Dierehospitaal
Sheep: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Sheep: 1
Bronkhorstspuit, Kerkstraat Dierekliniek
Goat: 1
North West
Christiana, Christiana Dierehospitaal
Sheep: 2
Free State
Bloemfontein, Dr Stephan Wessels
Sheep: 2
Frankfort, Frankfort Dierekliniek
Sheep: 2, Goat: 1
Hoopstad, Hoopstad Dierekliniek
Sheep: 3
Reitz, Riemland Dierekliniek
Sheep: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Sheep: 2
Kwazulu-Natal

Bergville, Tugela Vet Clinic
Sheep: 1
Estcourt, Estcourt Vet Clinic
Sheep: 1
Kokstad, E.G.Veterinary Services
Sheep: 2
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Sheep: 1
Cradock, Cradock Veterinary Clinic
Goat: 1
Rare case of pulpy kidney in a young Boerbok kid.
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 1
Middelburg (EC), Steynsburg Dierehospitaal
Sheep: 3
More than 10 cases
Western Cape
Beaufort West, Beaufort West State Vet
Sheep: 1
Mortality due to <i>Clostridium perfringes</i> . The bacteria was not typed.
George, George Animal Hospital
Sheep: 3
Malmesbury, Malmesbury Dierehospitaal
Sheep: 1
Oudtshoorn, Ostrimed
Sheep: 3
Oudtshoorn, Oudtshoorn Dierkliniek
Sheep: 1
Not vaccinated
Riversdale, Riversdal Dierkliniek
Sheep: 2
Northern Cape
De Aar, De Aar Veterinary Clinic
Sheep: 2
Sheep arriving at abattoir
Kuruman, Kuruman Dierkliniek
Sheep: 1

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

Free State

Frankfort, Frankfort Dierekliniék									
Sheep: 2									
Swelled head disease									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.0 (1)			1.0 (1)	1.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		1.0 (1)			1.0 (1)				
Sheep	1.0 (1)					1.0 (1)			
Mpumalanga									
Bethal, Bethal Dierekliniék									
Sheep: 1									
Gauteng									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 1									
In a bull in Phase D test. Confirmed <i>Clostridium novyi</i>									
Free State									
Reitz, Riemland Dierekliniék									
Beef: 1									
Kwazulu-Natal									
Kokstad, E.G.Veterinary Services									
Sheep: 1									
Red gut (cattle)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)				1.8 (4)	1.5 (4)	2.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.5 (2)				1.7 (3)	1.5 (4)	2.0 (1)		
Dairy					2.0 (1)				
Mpumalanga									
Balfour, Balfour Dierekliniék									
Beef: 1									
Grootvlei, Grootvlei Dierekliniék									
Beef: 2									
Diarrhoea in calves. Samples of 2 herds sent to Onderstepoort. <i>Clostridium perfringens</i> type A (alpha toxin) and <i>E.coli</i> diagnosed. On antibiogram resistance to flurfenicol was seen.									
Free State									
Clocolan, Clocolan Dierekliniék									
Beef: 2, Dairy: 2									
Reitz, Riemland Dierekliniék									

Beef: 1									
Vrede, Saulshoek Dierepraktyk									
Beef: 2									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Beef: 1									
Dundee, Endumeni Herd health									
Beef: 2									
100% mortality, haemorrhagic enteritis and colitis.									
Ingogo, Gen XY Stud Beef Consultancy									
Beef: 1									
Underberg, Underberg Veterinary Surgery									
Beef: 2									
Eastern Cape									
Aliwal North, Uitspan C Troskie									
Beef: 2									
Three out of 200 died, cattle not vaccinated									
Blood gut (Sheep)									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)				2.0 (1)	1.5 (4)	2.5 (2)	2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep	2.0 (1)				2.0 (1)	1.5 (4)	2.5 (2)	2.0 (1)	
Mpumalanga									
Standerton, Econovet									
Sheep: 2									
Free State									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Sheep: 2									
100% mortality, haemorrhagic enteritis and colitis.									
Kokstad, E.G.Veterinary Services									
Sheep: 1									
Mooi River, Mooirivier Vet Clinic									
Sheep: 2									
Newcastle, Ncanduvet Newcastle									
Sheep: 1									
Eastern Cape									
Aliwal North, Uitspan C Troskie									
Sheep: 3									
About 20 sheep died of red gut in a feedlot									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 2									

Confirmed (by PCR) cases of <i>Clostridium perfringens</i> Type A									
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					1.5 (2)			1.0 (1)	1.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Dairy					1.0 (1)				
Sheep					2.0 (1)			1.0 (1)	1.0 (1)
Free State									
Bultfontein, Greylingrust Dieresprekkamer									
Sheep: 2									
Frankfort, Frankfort Dierekliniek									
Dairy: 1									
Western Cape									
Oudtshoorn, Oudtshoorn Dierekliniek									
Sheep: 1									
Not vaccinated									
Northern Cape									
Kuruman, Kuruman Dierekliniek									
Sheep: 1									
Botulism									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)			3.0 (1)	1.0 (1)	1.0 (1)		1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.0 (1)				1.0 (1)	1.0 (1)			
Sheep				3.0 (1)				1.0 (1)	
Mpumalanga									
Middelburg , Middelburg Dierehospitaal									
Beef: 2									
North West									
Brits, Brits Dierekliniek									
Sheep: 3									
At Kameeldrift – ± 35 adult dorper ewes died over a few days. Post mortems and histopathology inconclusive: Botulism can not be excluded.									
Free State									
Hoopstad, Hoopstad Dierekliniek									

Beef: 1
Kwazulu-Natal
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 1
Western Cape
Oudtshoorn, Ostrimed
Sheep: 1
Lucern time with sheep grazing after cutting and baling. Get sporadic cases. Large number of American cutworms infestations. Lucern is cut during infestation and suspect that large amount of organic material could be conducive for development of cases of botulism

Salmonellosis										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				2.6 (5)	2.0 (3)	1.5 (2)	1.5 (2)	

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

Beef					2.8 (4)	1.5 (2)	2.0 (1)	1.0 (1)	
Dairy	1.0 (1)				2.0 (1)	3.0 (1)	1.0 (1)	2.0 (1)	

Mpumalanga
Nelspruit, Nelspruit Animal Hospital
Dairy: 1
Free State
Clocolan, Clocolan Dierekliniek
Beef: 2, Dairy: 2
Ficksburg, Ficksburg Dierekliniek
Beef: 3
Diarrhoea (white) outbreak in beef calves
Reitz, Riemland Dierekliniek
Beef: 3
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 3
Diarrhoea in beef calves 2 to 6 weeks old, in spite of been vaccinated against <i>E.coli</i> and salmonellosis. Severe outbreaks in the area.
Kwazulu-Natal
Kokstad, E.G.Veterinary Services
Beef: 1
Mooi River, Mooirivier Vet Clinic
Dairy: 3
Newcastle, Ncanduvet Newcastle
Beef: 2
Eastern Cape
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 1
Queenstown, Queenstown Veterinary clinic
Beef: 2
Western Cape

George, George Animal Hospital									
Beef: 1									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 2									
Brucella abortus									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)		3.0 (3)	3.0 (2)	2.5 (11)			2.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	3.0 (1)		3.0 (3)	3.0 (2)	2.5 (11)			2.0 (2)	
Mpumalanga									
Standerton, Econovet									
Beef: 3									
Limpopo									
Machado, Blouberg Dierekliniek									
Beef: 3									
Twelve positive cases on 5 farms. Two new farms									
Mokopane, Dr Henk Visser									
Beef: 3									
This disease is rife in the Springbuck flats. In certain herds up to 80% of animals are infected.									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 3									
North West									
Brits, Brits Dierekliniek									
Beef: 3									
Large number of positive herds in and around Brits. Brucellosis common in communal areas around Brits.									
Stella, Stella Dierekliniek									
Beef: 3									
Beef herd, CA positive cattle bought in.									
Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 3									
Ficksburg, Ficksburg Dierekliniek									
Beef: 3									
Four farms still positive.									
Frankfort, Frankfort Dierekliniek									
Beef: 2									
Harrismith, Harrismith Dierehospitaal									
Beef: 1									
New farm diagnosed with contagious abortion (CA).									
Hertzogville, Hertzogville Dierekliniek									
Beef: 3									
Hoopstad, Hoopstad Dierekliniek									

Beef: 3
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 3
Parys, Parys Dierehospitaal
Beef: 3
Reitz, Riemland Dierekliniek
Beef: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 3
Wesselsbron, Wesselsbron Dierekliniek
Beef: 2
Western Cape
Darling, Darling Dierekliniek
Beef: 2
Stellenbosch, Provincial Veterinary Laboratory
Beef: 2

Boland area: *Brucella abortus* biovar I was isolated from lymph node samples from cows that were culled after they tested CFT positive for *Brucella*.

Brucella ovis										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average							3.0 (1)	2.0 (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)	2.0 (1)
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Eastern Cape
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 3
The most <i>Brucella ovis</i> I have seen in 34 years.....
Western Cape
Beaufort West, Beaufort West State Vet
Sheep: 2
2 rams positive on one farm
Northern Cape
Upington, Upington Veterinary Clinic
Sheep: 2
Suspect ram's disease. Rams not vaccinated. Awaiting results

Johne`s disease										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)							1.5 (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)

Mpumalanga									
Lydenburg, Lydenburg Dieresprekkamer									
Beef: 1									
Suspected case									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 2									
Heidelberg (WC), Heidelberg Dierekliniek									
Sheep: 1									

Leptospirosis [^](#)

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

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

Beef	1.0 (1)
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Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1									

Septicaemia [^](#)

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)
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Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Dairy: 1									

Enzootic Abortion [^](#)

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

reported

Sheep

3.0 (1)

Free State

Hertzogville, Hertzogville Dierekliniek

Sheep: 3

Severe problems expected due to shortage of vaccines.

E. coli

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (7)	2.0 (1)			2.1 (7)	2.3 (4)	2.3 (3)	2.8 (4)	

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

Beef	1.8 (5)				2.2 (6)	2.0 (3)		3.0 (1)	
Dairy	1.0 (1)					3.0 (1)	3.0 (1)	3.0 (2)	
Sheep	2.0 (1)	2.0 (1)			2.0 (1)		2.0 (1)	2.0 (1)	
Goat							2.0 (1)		

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Diarrhoea in calves. Samples of 2 herds sent to Onderstepoort. *Clostridium perfringens* type A (alpha toxin) and *E.coli* diagnosed. On antibiogram resistance to flurfenicol was seen.

Nelspruit, Nelspruit Animal Hospital

Beef: 1, Dairy: 1

Standerton, Econovet

Beef: 2, Sheep: 2

Volkswest, Volkswest Dierehospitaal

Beef: 3

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Free State

Bultfontein, Greylingrust Dierspreekkamer

Beef: 2

Ficksburg, Ficksburg Dierekliniek

Beef: 2

Harrismith, Harrismith Dierehospitaal

Beef: 1

Many complaints on numerous farms. Deaths in spite of treatment - *E.coli* was isolated.

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Ladybrand, Ladybrand / Excelsior Dierekliniek

Sheep: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3
Diarrhoea in beef calves 2 to 6 weeks old, in spite of been vaccinated against <i>E.coli</i> and salmonellosis. Severe outbreaks in the area.
Vrede, Saulshoek Dierepraktyk
Beef: 2
Kwazulu-Natal
Dundee, Mpati Veterinary Clinic
Beef: 3
Kokstad, E.G.Veterinary Services
Beef: 1
Mooi River, Mooirivier Vet Clinic
Dairy: 3
Underberg, Underberg Veterinary Surgery
Beef: 2
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 3
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 2, Goat: 2
Goats kraaled, poor hygiene. Poor availability of vaccine
Western Cape
George, George Animal Hospital
Beef: 3
Malmesbury, Malmesbury Dierehospitaal
Dairy: 3
Oudtshoorn, Oudtshoorn Dierekliniek
Sheep: 2
Diarrhoea in lambs - E.coli
Riversdale, Riversdal Dierekliniek
Dairy: 3
Diarrhoea in calves

Dermatophilosis (Lumpy Wool) ^

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

Sheep					3.0 (1)				
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Free State
Frankfort, Frankfort Dierekliniek
Sheep: 3

Bovine Dermatophilosis (Senkobo disease) ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average										1.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported										
Beef										1.0 (1)
Kwazulu-Natal										
Mtubatuba, Mtubatuba Animal Clinic										
Beef: 1										
Protozoal diseases (other)										
Coccidiosis										^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	
Average	2.3 (3)	2.0 (2)	2.3 (3)		2.3 (6)	1.7 (6)	2.5 (4)	1.8 (5)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported										
Beef	1.0 (1)	2.0 (1)	1.0 (1)		2.0 (1)	1.7 (3)		2.0 (1)		
Dairy							2.5 (2)	1.5 (2)		
Sheep	3.0 (1)	2.0 (1)	3.0 (1)		2.3 (3)	1.0 (1)	2.5 (2)	2.0 (2)		
Goat	3.0 (1)		3.0 (1)		2.5 (2)	2.0 (2)				
Mpumalanga										
Bethal, Bethal Dierekliniék										
Beef: 1										
Piet Retief, Pets Vet Hospital										
Goat: 3										
Boergoats										
Standerton, Econovet										
Sheep: 3										
Gauteng										
Bronkhorstspuit, Kerkstraat Dierekliniék										
Beef: 2										
Pretoria, Anima Veterinary Consulting Rooms										
Sheep: 2										
Limpopo										
Machado, Blouberg Dierekliniék										
Sheep: 3, Goat: 3										
Polokwane, Pietersburg Veterinary Clinic										
Beef: 1										
Free State										
Bloemfontein, Dr Stephan Wessels										
Sheep: 2										
Frankfort, Frankfort Dierekliniék										
Sheep: 3										
Parys, Parys Dierehospitaal										
Goat: 2										

Reitz, Riemland Dierekliniek
Beef: 2, Sheep: 2
Vrede, Vrede Dierehospitaal
Goat: 3
Kwazulu-Natal
Dundee, Endumeni Herd health
Beef: 2
Estcourt, Estcourt Vet Clinic
Goat: 2
Kokstad, E.G.Veterinary Services
Beef: 1
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2
Pongola, Pongola Animal Clinic
Sheep: 1
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 2
Aliwal North, Uitspan C Troskie
Sheep: 3
Coccidiosis in a feedlot
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 2
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 3
Western Cape
Beaufort West, Beaufort West State Vet
Sheep: 1
One farm with quite a severe infestation
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 1
Malmesbury, Malmesbury Dierehospitaal
Dairy: 2
Oudtshoorn, Oudtshoorn Dierekliniek
Beef: 2
Riversdale, Riversdal Dierekliniek
Sheep: 3

Fungal diseases

Ringworm									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)	2.0 (2)		2.5 (2)	1.9 (7)	2.5 (6)	2.0 (1)	2.0 (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	1.5 (2)	2.0 (1)		2.5 (2)	1.8 (6)	2.5 (6)	2.0 (1)	1.0 (1)	2.0 (1)

Dairy					2.5 (2)
Sheep	2.0 (1)	2.0 (1)		2.0 (1)	
Mpumalanga					
Balfour, Balfour Dierekliniek					
Beef: 1					
Grootvlei, Grootvlei Dierekliniek					
Beef: 2					
Nelspruit, Nelspruit Animal Hospital					
Sheep: 2					
Gauteng					
Bapsfontein, Bapsfontein Dierehospitaal					
Beef: 2					
Pretoria, Anima Veterinary Consulting Rooms					
Sheep: 2					
North West					
Christiana, Christiana Dierehospitaal					
Beef: 2					
Leeudoringstad, Leeudoringstad Dierekliniek					
Beef: 3					
Free State					
Bultfontein, Greylingrust Dieresprekkamer					
Beef: 2					
Ficksburg, Ficksburg Dierekliniek					
Beef: 1					
Frankfort, Frankfort Dierekliniek					
Beef: 3					
Parys, Parys Dierehospitaal					
Beef: 2, Sheep: 2					
Reitz, Riemland Dierekliniek					
Beef: 1					
Vrede, Saulshoek Dierepraktyk					
Beef: 2					
Year old heifers and feedlot calves					
Kwazulu-Natal					
Bergville, Bergville Veterinary Clinic					
Beef: 2					
Dundee, Mpati Veterinary Clinic					
Beef: 3					
Mooi River, Mooirivier Vet Clinic					
Beef: 3					
Mtubatuba, Mtubatuba Animal Clinic					
Beef: 1					
Pietermaritzburg, Richmond Veterinary Clinic					
Beef: 3					
Vryheid, Gert Theron Vryheid					
Beef: 3					
Eastern Cape					
Aliwal North, Uitspan C Troskie					
Beef: 2					
Western Cape					

Malmesbury, Dr Otto Kriek
Beef: 1
Malmesbury, Malmesbury Dierehospitaal
Dairy: 2
Riversdale, Riversdal Dierekliniek
Dairy: 3
Northern Cape
Kuruman, Kuruman Dierekliniek
Beef: 2

Viral Diseases (other)

BMC [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)		1.5 (2)		1.0 (1)		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	3.0 (1)		1.5 (2)		1.0 (1)		1.5 (2)		
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Mpumalanga
Grootvlei, Grootvlei Dierekliniek
Beef: 3
Limpopo
Machado, Blouberg Dierekliniek
Beef: 2
Polokwane, Pietersburg Veterinary Clinic
Beef: 1
Free State
Reitz, Riemland Dierekliniek
Beef: 1
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 2
About 6 positive cases spread throughout the district in a period of 2 months. This outbreak is later than normal - usually in September and October.
Queenstown, Queenstown Veterinary clinic
Beef: 1

BVD (Bovine viral diarrhoea) [^](#)

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

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

Beef	2.0 (1)
Dairy	2.0 (2)

Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 2									
Riversdale, Riversdal Dierekliniek									
Dairy: 2									
Swellendam, Swellendam Dierehospitaal									
Beef: 2									

IBR (Infectious bovine rhinotracheitis)									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average				1.0 (1)	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)	2.0 (1)	1.0 (1)			
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North West									
Christiana, Christiana Dierehospitaal									
Beef: 1									
Free State									
Memel, Memel Veterinary Clinic									
Beef: 2									
Kwazulu-Natal									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									

Enzootic Bovine Leucosis (EBL)									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.0 (1)				1.0 (3)	1.5 (2)	1.5 (2)	3.0 (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)	2.0 (1)	1.0 (1)		
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Dairy					1.0 (2)	1.0 (1)	2.0 (1)	3.0 (2)	
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Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Free State									
Clocolan, Clocolan Dierekliniek									
Dairy: 1									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Dairy: 1									

Wesselsbron, Wesselsbron Dierekliniek									
Beef: 1									
At abattoir, cattle from North West province.									
Kwazulu-Natal									
Underberg, Underberg Veterinary Surgery									
Beef: 2									
Underberg, Waterford Farm, Underberg									
Dairy: 1									
Tumour invading the heart									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 1									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 3									
Many cases seen at abattoir, even young cattle									
Riversdale, Riversdal Dierekliniek									
Dairy: 3									
Jaagsiekte									
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									
Sheep					2.0 (1)		1.0 (1)		
Free State									
Kroonstad, Kroonstad Dierehospitaal									
Sheep: 2									
Eastern Cape									
Middelburg (EC), Steynsburg Dierehospitaal									
Sheep: 1									
Orf									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (3)	1.0 (1)	1.0 (1)	2.3 (3)	1.5 (4)	1.0 (1)	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									
Sheep		2.0 (2)		1.0 (1)	2.0 (1)	1.0 (1)			2.0 (1)
Goat		2.0 (1)	1.0 (1)		2.5 (2)	1.7 (3)	1.0 (1)	3.0 (1)	3.0 (1)
Gauteng									

Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 2, Goat: 2									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 2									
Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Goat: 1									
North West									
Christiana, Christiana Dierehospitaal									
Sheep: 1									
Free State									
Parys, Parys Dierehospitaal									
Sheep: 2, Goat: 3									
Vrede, Saulshoek Dierepraktyk									
Goat: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Sheep: 1, Goat: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Goat: 2									
Pongola, Pongola Animal Clinic									
Goat: 1									
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Goat: 1									
Western Cape									
Beaufort West, Beaufort West State Vet									
Goat: 3									
Several cases were seen with orf.									
Northern Cape									
Kathu, Kathu Dierekliniek									
Goat: 3									
Kuruman, Kuruman Dierekliniek									
Sheep: 2									
Warts									
^									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				1.8 (5)	1.6 (9)	1.0 (1)	1.7 (3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)				1.8 (5)	1.6 (9)	1.0 (1)	2.0 (2)	
Dairy								1.0 (1)	
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Free State									

Bultfontein, Greylingrust Dieresprekkamer
Beef: 2
Frankfort, Frankfort Dierekliniek
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 2
Vrede, Saulshoek Dierepraktyk
Beef: 2
Wesselsbron, Wesselsbron Dierekliniek
Beef: 1
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 1
Camperdown, Camperdown Vet Clinic
Beef: 1
Dundee, Mpati Veterinary Clinic
Beef: 2
Estcourt, Estcourt Vet Clinic
Beef: 1
Kokstad, E.G.Veterinary Services
Beef: 1
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3
Pongola, Pongola Animal Clinic
Beef: 1
Underberg, Underberg Veterinary Surgery
Beef: 2
Eastern Cape
Queenstown, Queenstown Veterinary clinic
Beef: 1
Western Cape
George, George Animal Hospital
Beef: 2
Malmesbury, Dr Otto Kriek
Beef: 2
Malmesbury, Malmesbury Dierehospitaal
Dairy: 1

Poisonings (Plant) and Fungal

Cardiac glycoside poisoning [^](#)

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

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

reported									
Beef					3.0 (1)				
Sheep					3.0 (1)		3.0 (1)		
Free State									
Hertzogville, Hertzogville Dierekliniek									
Beef: 3									
Sheep: 3									
Western Cape									
Beaufort West, Beaufort West State Vet									
Sheep: 3									
Large, wide spread problems with cardiac glycoside toxicity									
Cestrum									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.0 (1)		3.0 (1)	2.0 (1)				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)	1.0 (1)		3.0 (1)	2.0 (1)				
Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Beef: 1									
Cattle deaths confirmed as Cestrum poisoning. Overgrazing and a lack of grazing forces cattle to eat these plants. Normally not common in the Lowveld.									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 1									
North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 3									
Free State									
Parys, Parys Dierehospitaal									
Beef: 2									
Cynanchum poisoning									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								3.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep								3.0 (1)	
Western Cape									
Riversdale, Riversdal Dierekliniek									

Sheep: 3

Facial eczema [^](#)

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

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

Free State

Reitz, Riemland Dierekliniek

Beef: 2, Sheep: 2

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
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Average					1.5 (2)		3.0 (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

Sheep					1.5 (2)		3.0 (2)		
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Free State

Hertzogville, Hertzogville Dierekliniek

Sheep: 2

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Eastern Cape

Aliwal North, Uitspan C Troskie

Sheep: 3

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 3

Dikkop photosensitivity

Lantana [^](#)

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

reported									
Beef			3.0 (1)			3.0 (1)			
Limpopo									
Machado, Blouberg Dierekliniek									
Beef: 3									
Drought conditions, cattle eat anything									
Kwazulu-Natal									
Vryheid, Gert Theron Vryheid									
Beef: 3									
Lupin Poisoning									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								3.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep								3.0 (2)	
Western Cape									
Darling, Darling Dierekliniek									
Sheep: 3									
Vredenburg, Vredenburg Dierehospitaal									
Sheep: 3									
Sheep died on harvested lupin field. Tremors, salivation unable to swallow. Fungus affects liver. 10 out of 300 died.									
Nenta poisoning (Krimpsiekte)									^
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)						
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 3									
Numerous animals died due to krimpsiekte in mountain camps. Chronic cases, downer animals.									
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 (1)	2.5 (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						3.0 (1)			
Sheep				2.0 (1)				1.0 (1)	
Goat						2.0 (1)			

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Free State

Clocolan, Clocolan Dierekliniek

Sheep: 2

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Goat: 2

Underberg, Underberg Veterinary Surgery

Dairy: 3

Cyanide poisoning from *Poa aquatica* vlei plant. Acute deaths in 8 dairy cows that strayed into marshland

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 1

Seneciosis

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

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

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

Free State

Vrede, Saulshoek Dierepraktyk

Beef: 1

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Beef: 1

Underberg, Underberg Veterinary Surgery

Beef: 3

Late spring rains delayed grass growth, but Senecio was available to hungry animals.

Underberg, Waterford Farm, Underberg

Dairy: 3

Dry conditions, heifers eat plants

Vryheid, Gert Theron Vryheid

Beef: 2

Two farms

Tulip Poisoning									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)				1.5 (4)	1.5 (2)	1.0 (1)	1.5 (2)	2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.7 (3)				1.3 (3)	1.5 (2)	1.0 (1)		2.0 (1)
Dairy								1.5 (2)	
Sheep					2.0 (1)				
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Bethal, Bethal Dierekliniek									
Beef: 2									
Standerton, Econovet									
Beef: 2									
Free State									
Clocolan, Clocolan Dierekliniek									
Sheep: 2									
Ficksburg, Ficksburg Dierekliniek									
Beef: 1									
Harrismith, Harrismith Dierehospitaal									
Beef: 1									
Vrede, Saulshoek Dierepraktyk									
Beef: 2									
Kwazulu-Natal									
Kokstad, E.G.Veterinary Services									
Beef: 1									
Underberg, Underberg Veterinary Surgery									
Beef: 2									
Eastern Cape									
Queenstown, Queenstown Veterinary clinic									
Beef: 1									
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 1									
Riversdale, Riversdal Dierekliniek									
Dairy: 2									
Northern Cape									
Kathu, Kathu Dierekliniek									
Beef: 2									
Vermeersiekte (Gageria spp.)									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape

Average										2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported										
Sheep										2.0 (1)
Free State										
Vrede, Saulshoek Dierpraktik										
Sheep: 2										
Mycotoxycosis										^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	
Average					2.0 (1)				1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported										
Beef										2.0 (1)
Dairy									1.0 (1)	
Free State										
Bloemfontein, Dr Stephan Wessels										
Beef: 2										
Algae poisoning and three cattle died when fed green fodder. They also had severe liver fluke infestation - confirmed on histopathology.										
Western Cape										
Plettenberg Bay, Plettenberg Bay A Reitz										
Dairy: 1										
Jersey cow with swelling of the head, axillae and udder. Cow shook her head and is restless. Condition most probably due to <i>Pithomyces chartarum</i> , the fungus growing on pastures due to misty and humid conditions. Cow lost skin on udder and nose. Cow was treated symptomatically and she survived.										
Other										^
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										
Caledon, Overberg Veterinary Hospital										
Sheep: 1										
Chinkerentjee										
Poisonings										

Urea Poisoning ^

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

Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Nigel, Welgelegen Dierekliniek									
Sheep: 2									
One died treated 4									
Goat: 2									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 2									
Clocolan, Clocolan Dierekliniek									
Dairy: 3									
Frankfort, Frankfort Dierekliniek									
Beef: 3									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 3									
Energy lick was soft and intake was too high.									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Beef: 2									

Snake Bite ^

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

Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 1									

Frankfort, Frankfort Dierekliniek									
Beef: 1									
Reitz, Riemland Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Sheep: 1									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Beef: 1									
Chemical products									^
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									
Dairy								2.0 (1)	
Sheep									2.0 (1)
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 2									
Copper poisoning									
Northern Cape									
De Aar, De Aar Veterinary Clinic									
Sheep: 2									
Geelsiekte at abattoir, most probably copper poisoning									
Other									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)	3.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.0 (1)	3.0 (1)			
Free State									
Vrede, Vrede Dierehospitaal									
Beef: 1									
Lead poisoning									
Kwazulu-Natal									
Underberg, Underberg Veterinary Surgery									

Beef: 3

Nitrite

Macro Nutritional Problems

Energy deficiency



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average		2.5 (2)	3.0 (1)	2.0 (3)	2.3 (4)	2.0 (8)			
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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 (3)	2.5 (2)	2.0 (7)			
Dairy					2.0 (1)				
Sheep		3.0 (1)			2.0 (1)				
Goat						2.0 (1)			

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 3

Limpopo

Machado, Blouberg Dierekliniek

Beef: 3

Drought conditions

North West

Brits, Brits Dierekliniek

Beef: 2

Christiana, Christiana Dierehospitaal

Beef: 1

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Free State

Clocolan, Clocolan Dierekliniek

Beef: 3

Dewetsdorp, Platkop Dierekliniek

Beef: 2, Sheep: 2

Reitz, Riemland Dierekliniek

Dairy: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 2

Kokstad, E.G. Veterinary Services

Beef: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Pongola, Pongola Animal Clinic									
Beef: 2									
Drought, burnt veld, poor or no grazing									
Underberg, Underberg Veterinary Surgery									
Beef: 2, Goat: 2									
Vryheid, Gert Theron Vryheid									
Beef: 3									
Still very dry									
Protein deficiency									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	2.0 (2)	3.0 (1)	2.0 (3)	2.3 (3)	2.3 (7)	3.0 (1)	1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)	2.0 (2)	3.0 (1)	2.0 (3)	2.5 (2)	2.3 (6)			
Sheep					2.0 (1)		3.0 (1)	1.0 (1)	
Goat						2.0 (1)			
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 2									
Limpopo									
Machado, Blouberg Dierekliniek									
Beef: 3									
Drought conditions									
North West									
Brits, Brits Dierekliniek									
Beef: 2									
Christiana, Christiana Dierehospitaal									
Beef: 1									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 3									
Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 3									
Dewetsdorp, Platkop Dierekliniek									
Beef: 2, Sheep: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 3									
Eshowe, Mtunzini Dr Ardington									
Beef: 3									

Extreme drought conditions, worst since 1992. Springs are drying up.

Kokstad, E.G.Veterinary Services

Beef: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Underberg, Underberg Veterinary Surgery

Beef: 2, Goat: 2

Vryheid, Gert Theron Vryheid

Beef: 3

Still very dry

Eastern Cape

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 3

More than 100 cases

Western Cape

Oudtshoorn, Ostrimed

Sheep: 1

Phosphate 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)			2.0 (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	2.0 (1)			2.0 (1)		2.0 (2)			
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Mpumalanga

Middelburg , Middelburg Dierehospitaal

Beef: 2

North West

Brits, Brits Dierekliniek

Beef: 2

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Underberg, Underberg Veterinary Surgery

Beef: 2

Calcium deficiency

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.0 (1)			2.0 (1)	1.3 (3)	2.2 (9)	1.5 (2)		
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)			2.0 (1)		2.0 (6)	1.0 (1)		
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Dairy	1.3 (3)	2.7 (3)	2.0 (1)
Mpumalanga			
Balfour, Balfour Dierekliniek			
Beef: 1			
North West			
Brits, Brits Dierekliniek			
Beef: 2			
Free State			
Clocolan, Clocolan Dierekliniek			
Dairy: 1			
Parys, Parys Dierehospitaal			
Dairy: 1			
Reitz, Riemland Dierekliniek			
Dairy: 2			
Kwazulu-Natal			
Bergville, Bergville Veterinary Clinic			
Beef: 2			
Bergville, Tugela Vet Clinic			
Beef: 1			
Dundee, Endumeni Herd health			
Beef: 2			
Estcourt, Estcourt Vet Clinic			
Dairy: 2			
Howick, Howick Veterinary Clinic			
Dairy: 3			
Mooi River, Mooirivier Vet Clinic			
Beef: 3, Dairy: 3			
Pongola, Pongola Animal Clinic			
Beef: 1			
Underberg, Underberg Veterinary Surgery			
Beef: 3			
Eastern Cape			
Alexandria, Alexandria Platteland Spreekkamer			
Beef: 1			
Humansdorp, Humansdorp Veterinary Clinic			
Dairy: 2			

Micro Nutritional Problems

Iodine deficiency [^](#)

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

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

Beef						2.0 (1)			
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Kwazulu-Natal

Bergville, Bergville Veterinary Clinic									
Beef: 2									
Copper deficiency									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			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									
Beef			3.0 (1)			1.5 (2)			
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 3									
Copper deficiency in area, spontaneous bone fractures. More research is needed. Nyala also had a spontaneous bone fracture.									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									
Selenium deficiency									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)			2.0 (1)		2.1 (7)	3.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	3.0 (1)					2.0 (6)			
Dairy						3.0 (1)	3.0 (1)		
Sheep				2.0 (1)					
Mpumalanga									
Standerton, Econovet									
Beef: 3									
North West									
Christiana, Christiana Dierehospitaal									
Sheep: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Dundee, Endumeni Herd health									
Beef: 2									
Dundee, Mpati Veterinary Clinic									
Beef: 2									
Estcourt, Estcourt Vet Clinic									

Beef: 3, Dairy: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

Pietermaritzburg, Richmond Veterinay Clinic

Beef: 2

Eastern Cape

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 3

Magnesium deficiency



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

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

Beef

2.0 (1)

Dairy

2.0 (1)

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Eastern Cape

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 2

Manganese deficiency



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

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

Beef

1.0 (1)

Free State

Wesselsbron, Wesselsbron Dierkliniek

Beef: 1

Vitamin A deficiency



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)	1.0 (1)
Dairy		2.0 (1)

North West									
Christiana, Christiana Dierehospitaal									
Beef: 2									
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 2									
Northern Cape									
Kuruman, Kuruman Dierekliniek									
Beef: 1									

Vitamin B 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)				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				3.0 (1)				1.0 (1)	
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North West									
Schweizer-Reneke, NJ Heyns									
Sheep: 3									
Sheep with nervous symptoms, cannot lift their heads - awaiting results. Suspect B 1 and Selenium deficiency.									
Western Cape									
Ceres, Ceres Veterinary Hospital									
Sheep: 1									
CCN									

Multi-factorial Disease Conditions

Abortions ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.0 (3)				2.3 (8)	2.1 (9)	2.0 (2)	2.0 (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	1.0 (3)				2.3 (6)	2.0 (7)		1.5 (4)	
Dairy					1.0 (1)	3.0 (1)		3.0 (2)	
Sheep					3.0 (1)		2.0 (1)		
Goat						2.0 (1)	2.0 (1)		

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									

Grootvlei, Grootvlei Dierekliniek
Beef: 1
Volksrust, Volksrust Dierehospitaal
Beef: 1
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 2
Clocolan, Clocolan Dierekliniek
Beef: 3
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Ladybrand, Ladybrand / Excelsior Dierekliniek
Dairy: 1
Memel, Memel Veterinary Clinic
Beef: 2
Parys, Parys Dierehospitaal
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Bergville, Tugela Vet Clinic
Beef: 1
Kokstad, E.G.Veterinary Services
Beef: 2
Mooi River, Mooirivier Vet Clinic
Beef: 3, Dairy: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2
Underberg, Underberg Veterinary Surgery
Beef: 2
Vryheid, Gert Theron Vryheid
Beef: 2
Eastern Cape
Queenstown, Queenstown Veterinary clinic
Sheep: 2, Goat: 2
Western Cape
Caledon, Overberg Veterinary Hospital
Beef: 1
Darling, Darling Dierekliniek
Beef: 2
George, George Animal Hospital
Beef: 2
Malmesbury, Dr Otto Kriek
Dairy: 3
Malmesbury, Malmesbury Dierehospitaal
Dairy: 3
Stellenbosch, Provincial Veterinary Laboratory
Beef: 1

Paarl area: *Trueperella pyogenes* was isolated from stomach content of a foetus. *T. pyogenes* can be a primary cause of abortion.

Stillbirths									
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

Beef					3.0 (1)	2.0 (1)			
Free State									
Frankfort, Frankfort Dierekliniék									
Beef: 3									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									

Abscesses									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)	1.7 (3)	2.0 (2)	2.5 (4)	2.0 (5)	1.6 (9)	2.3 (4)	1.9 (7)	

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

Beef	1.0 (2)		3.0 (1)	2.3 (3)	2.0 (3)	1.4 (5)		2.0 (2)	
Dairy						3.0 (1)		2.0 (2)	
Sheep		2.0 (2)	1.0 (1)	3.0 (1)	2.0 (2)	1.5 (2)	2.3 (3)	1.7 (3)	
Goat	3.0 (1)	1.0 (1)				1.0 (1)	2.0 (1)		

Mpumalanga									
Grootvlei, Grootvlei Dierekliniék									
Beef: 1									
Lydenburg, Lydenburg Dieresprekkamer									
Beef: 1									
Piet Retief, Pets Vet Hospital									
Goat: 3									
Boergoats									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 2, Goat: 1									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 2									
Limpopo									
Machado, Blouberg Dierekliniék									
Beef: 3									
Caused by tick bites									

Polokwane, Pietersburg Veterinary Clinic
Sheep: 1
North West
Brits, Brits Dierekliniek
Beef: 2
Christiana, Christiana Dierehospitaal
Beef: 2
Stella, Stella Dierekliniek
Beef: 3, Sheep: 3
Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 2
Clocolan, Clocolan Dierekliniek
Sheep: 2
Frankfort, Frankfort Dierekliniek
Beef: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 2
Vrede, Saulshoek Dierepraktyk
Sheep: 2
Kwazulu-Natal
Dundee, Mpati Veterinary Clinic
Beef: 2
Estcourt, Estcourt Vet Clinic
Beef: 1
Ingogo, Gen XY Stud Beef Consultancy
Beef: 1
Kokstad, E.G.Veterinary Services
Beef: 2, Sheep: 2
Mooi River, Mooirivier Vet Clinic
Dairy: 3
Pongola, Pongola Animal Clinic
Beef: 1, Sheep: 1, Goat: 1
Eastern Cape
Aliwal North, Uitspan C Troskie
Sheep: 2
Lung abscesses
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Goat: 2
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 2
Foot abscesses
Middelburg (EC), Steynsburg Dierehospitaal
Sheep: 3
<i>Corynebacterium ovis</i> (CLA) more than 50 cases. Lung abscesses (3)
Western Cape
Caledon, Overberg Veterinary Hospital
Beef: 3, Sheep: 3
George, George Animal Hospital
Beef: 1, Sheep: 1

Corynebacterium

Malmesbury, Dr Otto Kriek

Dairy: 1

Malmesbury, Malmesbury Dierehospitaal

Dairy: 3

Oudtshoorn, Ostrimed

Sheep: 1

Abscesses in general

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

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 2

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Pietermaritzburg, Richmond Veterinay Clinic

Beef: 3

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)			1.0 (1)	1.5 (2)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		2.0 (1)							
Sheep	1.0 (1)				1.0 (1)				
Goat						1.5 (2)			

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2

Free State

Harrismith, Harrismith Dierehospitaal

Sheep: 1

Kwazulu-Natal

Camperdown, Camperdown Vet Clinic									
Goat: 1									
Estcourt, Estcourt Vet Clinic									
Goat: 2									
Blindness									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.8 (4)			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					1.7 (3)				2.0 (1)
Sheep					2.0 (1)			2.0 (1)	
Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 2									
Frankfort, Frankfort Dierekliniek									
Beef: 2, Sheep: 2									
Parys, Parys Dierehospitaal									
Beef: 1									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Sheep: 2									
Northern Cape									
Kuruman, Kuruman Dierekliniek									
Beef: 2									
Bloat									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)			1.3 (4)	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 (2)	1.0 (1)			
Sheep		1.0 (1)			1.0 (1)			2.0 (1)	
Goat					2.0 (1)	1.0 (1)			
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 1									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 1									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1									

Ladybrand, Ladybrand / Excelsior Dierekliniek									
Sheep: 1									
Parys, Parys Dierehospitaal									
Goat: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Beef: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Goat: 1									
Western Cape									
Oudtshoorn, Ostrimed									
Sheep: 2									
Time of grazing on lucerne after cutting and baling. Get sporadic cases. Large number of American cutworms infestations. Lucerne is cut during infestation and suspect that large amount of organic material could be conducive for development of cases of botulism									
Blood gut (sheep and goat)									^
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)	
Kwazulu-Natal									
Mooi River, Mooirivier Vet Clinic									
Sheep: 3									
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)				1.7 (7)	1.0 (1)	2.3 (3)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Dairy					1.0 (1)	1.0 (1)			
Sheep	1.0 (1)				2.0 (5)		2.3 (3)		
Goat					1.0 (1)				
Mpumalanga									
Balfour, Balfour Dierekliniek									
Sheep: 1									
Free State									
Clocolan, Clocolan Dierekliniek									

Sheep: 2									
Dewetsdorp, Platkop Dierekliniek									
Sheep: 1									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 3									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Sheep: 1									
Parys, Parys Dierehospitaal									
Sheep: 3									
Reitz, Riemland Dierekliniek									
Dairy: 1									
Vrede, Vrede Dierehospitaal									
Goat: 1									
Kwazulu-Natal									
Underberg, Waterford Farm, Underberg									
Dairy: 1									
Blue udder caused by <i>Staphylococcus aureus</i>									
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 3									
Especially ewes on cultivated pastures. No vaccine available.									
Middelburg (EC), Steynsburg Dierehospitaal									
Sheep: 3									
More than 10 cases									
Queenstown, Queenstown Veterinary clinic									
Sheep: 1									
Diarrhoea									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.4 (5)	2.0 (4)		2.0 (1)	2.5 (12)	2.1 (15)	2.0 (2)	3.0 (5)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.4 (5)	2.0 (2)		2.0 (1)	2.6 (10)	2.3 (9)	1.0 (1)		
Dairy		2.0 (1)			2.0 (1)	2.0 (1)	3.0 (1)	3.0 (3)	
Sheep		2.0 (1)			2.0 (1)	1.5 (2)		3.0 (2)	
Goat						2.0 (3)			
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Grootvlei, Grootvlei Dierekliniek									
Beef: 2									
Diarrhoea in calves. Samples of 2 herds sent to Onderstepoort. <i>Clostridium perfringens</i> type A (alpha toxin) and <i>E.coli</i> diagnosed. On antibiogram resistance to flurfenicol was seen.									
Lydenburg, Lydenburg Dieresprekkamer									

Beef: 3
Middelburg , Middelburg Dierehospitaal
Beef: 3
Most probably caused by rotavirus which is still a problem
Standerton, Econovet
Beef: 3
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2, Dairy: 2, Sheep: 2
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 2
North West
Christiana, Christiana Dierehospitaal
Beef: 2
Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 2
Bultfontein, Greylingrust Dieresprekkamer
Beef: 3
Clocolan, Clocolan Dierekliniek
Beef: 2, Dairy: 2
Ficksburg, Ficksburg Dierekliniek
Beef: 2
Frankfort, Frankfort Dierekliniek
Beef: 3
Harrismith, Harrismith Dierehospitaal
Beef: 3
Numerous complaints on many farms of beef calves with diarrhoea.
Kroonstad, Kroonstad Dierehospitaal
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 3, Sheep: 2
Vrede, Saulshoek Dierepraktyk
Beef: 3
Vrede, Vrede Dierehospitaal
Beef: 3
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 3
Bergville, Tugela Vet Clinic
Beef: 2
Due to wet conditions
Dundee, Mpati Veterinary Clinic
Beef: 2
Calf diarrhoeas in newly introduced cattle from the Free State
Estcourt, Estcourt Vet Clinic
Dairy: 2, Goat: 3
Kokstad, E.G.Veterinary Services
Beef: 2, Sheep: 2
Mooi River, Mooirivier Vet Clinic

Beef: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2
Pongola, Pongola Animal Clinic
Beef: 1, Sheep: 1, Goat: 1
Underberg, Underberg Veterinary Surgery
Beef: 3
Vryheid, Gert Theron Vryheid
Beef: 3
Calves

Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 3
Queenstown, Queenstown Veterinary clinic
Beef: 1
Western Cape
Caledon, Overberg Veterinary Hospital
Sheep: 3
Darling, Darling Dierekliniek
Dairy: 3
George, George Animal Hospital
Dairy: 3
Especially in young animals - preventative vaccinations not given with serious consequences
Sheep: 3
Malmesbury, Malmesbury Dierehospitaal
Dairy: 3

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

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

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

Free State
Clocolan, Clocolan Dierekliniek
Dairy: 2
Frankfort, Frankfort Dierekliniek
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 2, Dairy: 1
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Dairy: 2
Mooi River, Mooirivier Vet Clinic
Dairy: 3

Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									
Eastern Cape									
Humansdorp, Humansdorp Veterinary 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	1.9 (8)	2.3 (6)	2.3 (3)	2.5 (4)	2.2 (16)	2.1 (10)	2.3 (7)	2.2 (12)	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 (5)	2.0 (1)	3.0 (1)	2.5 (4)	2.3 (12)	2.2 (6)	2.0 (1)	2.3 (4)	2.0 (1)
Dairy		2.0 (1)			2.0 (1)	3.0 (1)	3.0 (2)	2.0 (5)	
Sheep	1.7 (3)	2.5 (4)	1.0 (1)		2.0 (3)	1.5 (2)	2.0 (4)	2.3 (3)	
Goat			3.0 (1)			2.0 (1)			
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1, Sheep: 1									
Bethal, Bethal Dierekliniek									
Beef: 2, Sheep: 2									
Grootvlei, Grootvlei Dierekliniek									
Beef: 3									
Nelspruit, Nelspruit Animal Hospital									
Beef: 2									
Standerton, Econovet									
Beef: 2, Sheep: 2									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2, Dairy: 2, Sheep: 2									
Nigel, Welgelegen Dierekliniek									
Sheep: 3									
<i>Moraxella ovis</i>									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 3									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Sheep: 2									
Limpopo									
Machado, Blouberg Dierekliniek									
Beef: 3, Goat: 3									
Polokwane, Pietersburg Veterinary Clinic									
Sheep: 1									

North West
Christiana, Christiana Dierehospitaal
Beef: 2
Schweizer-Reneke, NJ Heyns
Beef: 3
Stella, Stella Dierekliniek
Beef: 3
Ventersdorp, Buffelsvlei Dierekliniek
Beef: 2
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 2
Bultfontein, Greylingrust Dierspreekkamer
Beef: 2
Clocolan, Clocolan Dierekliniek
Beef: 3
Ficksburg, Ficksburg Dierekliniek
Beef: 1, Sheep: 1
Frankfort, Frankfort Dierekliniek
Beef: 3
Harrismith, Harrismith Dierehospitaal
Beef: 2
Kroonstad, Kroonstad Dierehospitaal
Beef: 2, Sheep: 2
Memel, Memel Veterinary Clinic
Beef: 3
Reitz, Riemland Dierekliniek
Beef: 3, Dairy: 2, Sheep: 3
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: 2
Flies, midges
Sheep: 2
Flies, midges
Dundee, Endumeni Herd health
Beef: 3
Ingogo, Gen XY Stud Beef Consultancy
Beef: 3
Mooi River, Mooirivier Vet Clinic
Dairy: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2

Underberg, Underberg Veterinary Surgery									
Beef: 1, Sheep: 1									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Dairy: 3									
Aliwal North, Uitspan C Troskie									
Sheep: 2									
Blesbuck in the camp									
Cradock, Cradock Veterinary Clinic									
Sheep: 3									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 2									
Humansdorp, Humansdorp Veterinary Clinic									
Sheep: 1									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 3									
Queenstown, Queenstown Veterinary clinic									
Beef: 2									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Beef: 3									
Ceres, Ceres Veterinary Hospital									
Beef: 1									
Calf with cornea ulcer									
Darling, Darling Dierekliniek									
Dairy: 3, Sheep: 3									
George, George Animal Hospital									
Dairy: 2									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2, Sheep: 2									
Malmesbury, Dr Otto Kriek									
Dairy: 1									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 2									
Oudtshoorn, Ostrimed									
Beef: 2									
An insect explosion. Associated problems notably eye infections. Water in irrigation channels stimulate insect activity notably mosquitoes and midges.									
Sheep: 2									
An insect explosion. Associated problems notably eye infections. Water in irrigation channels stimulate insect activity notably mosquitoes and midges.									
Swellendam, Swellendam Dierehospitaal									
Beef: 3									
Northern Cape									
Kuruman, Kuruman Dierekliniek									
Beef: 2									
Joint III									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern

				West	State	Natal	Cape	Cape	Cape
Average	1.0 (1)	1.0 (1)			2.0 (8)	1.6 (5)	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 (5)	1.5 (4)			
Dairy					1.0 (1)				
Sheep		1.0 (1)			2.5 (2)	2.0 (1)	2.0 (1)		

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1

Bultfontein, Greylingrust Dierspreekkamer

Dairy: 1

Clocolan, Clocolan Dierekliniek

Beef: 2

Frankfort, Frankfort Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Reitz, Riemland Dierekliniek

Beef: 2, Sheep: 2

Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 2

Kokstad, E.G.Veterinary Services

Beef: 2, Sheep: 2

Newcastle, Ncanduvet Newcastle

Beef: 1

Pongola, Pongola Animal Clinic

Beef: 1

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Sheep: 2

Lameness/Foot Problems



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)	2.0 (2)	1.0 (1)		1.5 (10)	1.9 (12)	1.8 (4)	1.5 (8)	

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

Beef	2.0 (1)	2.0 (1)	1.0 (1)		1.6 (7)	1.7 (6)	1.0 (1)	1.3 (3)
Dairy					1.0 (1)	3.0 (2)	1.0 (1)	2.0 (3)
Sheep	1.0 (1)	2.0 (1)			1.5 (2)	1.5 (2)	2.5 (2)	1.0 (1)
Goat						2.0 (2)		1.0 (1)

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 1

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 2

Bultfontein, Greylingrust Dierspreekkamer

Beef: 1, Dairy: 1

Clocolan, Clocolan Dierekliniek

Beef: 2

Dewetsdorp, Platkop Dierekliniek

Sheep: 2

Ficksburg, Ficksburg Dierekliniek

Beef: 1, Sheep: 1

Frankfort, Frankfort Dierekliniek

Beef: 2

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 1

Vrede, Saulshoek Dierpraktijk

Beef: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 1, Sheep: 1

Dundee, Mpati Veterinary Clinic

Beef: 2, Sheep: 2

Estcourt, Estcourt Vet Clinic

Beef: 1

Ingogo, Gen XY Stud Beef Consultancy

Beef: 2

Kokstad, E.G.Veterinary Services

Beef: 2

Mooi River, Moirivier Vet Clinic

Dairy: 3

Mtubatuba, Mtubatuba Animal Clinic
Goat: 2
Pongola, Pongola Animal Clinic
Beef: 2
Moisture, lack of UV and sunshine
Goat: 2
Underberg, Waterford Farm, Underberg
Dairy: 3
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 1, Sheep: 2
Middelburg (EC), Steynsburg Dierehospitaal
Sheep: 3
Foot rot
Uitenhage, Uitenhage Dierehospitaal
Beef: 1
Western Cape
Ceres, Ceres Veterinary Hospital
Beef: 1
Lameness in a bull
Darling, Darling Dierekliniek
Dairy: 2
Malmesbury, Dr Otto Kriek
Dairy: 1
On certain farms not enough is being done to address animal comfort. More could be done to remove excess dung in holding/feeding/sleeping pens more frequently and to provide any form of shade. Some farms have no shade at all !!!! The loss of production due to excessive mud/dung in pens and heat stress is astronomical !!! All farmers who really make an effort to provide a comfortable environment to their cattle are to be commended !
Malmesbury, Malmesbury Dierehospitaal
Dairy: 3
Oudtshoorn, Ostrimed
Beef: 1, Sheep: 1, Goat: 1
Swellendam, Swellendam Dierehospitaal
Beef: 2

Lung infection										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.6 (5)	1.5 (4)		2.0 (3)	2.0 (7)	2.2 (12)	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	1.6 (5)	1.0 (1)		2.0 (3)	2.0 (4)	1.9 (7)		2.0 (1)	
Dairy					1.0 (1)	3.0 (1)		2.3 (3)	
Sheep		2.0 (2)			2.5 (2)	2.7 (3)		2.0 (2)	1.0 (1)
Goat		1.0 (1)				2.0 (1)	2.0 (1)		

Mpumalanga
Balfour, Balfour Dierekliniek

Beef: 2
Bethal, Bethal Dierekliniek
Beef: 2
Grootvlei, Grootvlei Dierekliniek
Beef: 1
Lydenburg, Lydenburg Dieresprekkamer
Beef: 1
Middelburg , Middelburg Dierehospitaal
Beef: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 1, Sheep: 2, Goat: 1
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 2
North West
Christiana, Christiana Dierehospitaal
Beef: 2
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 2
Pasteurellosis in beef cattle, 3 died.
Schweizer-Reneke, NJ Heyns
Beef: 2
Free State
Clocolan, Clocolan Dierekliniek
Beef: 2, Dairy: 1
Ficksburg, Ficksburg Dierekliniek
Beef: 2
Frankfort, Frankfort Dierekliniek
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 2, Sheep: 2
Vrede, Vrede Dierehospitaal
Sheep: 3
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 1
Dundee, Endumeni Herd health
Sheep: 3
Estcourt, Estcourt Vet Clinic
Beef: 1
Kokstad, E.G.Veterinary Services
Beef: 2, Sheep: 2
Mooi River, Mooirivier Vet Clinic
Dairy: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 1, Goat: 2
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3
Underberg, Underberg Veterinary Surgery
Beef: 3, Sheep: 3

Vryheid, Gert Theron Vryheid									
Beef: 2									
Calves									
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Goat: 2									
Suspected <i>Mannheimia</i> spp.									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 2									
Darling, Darling Dierekliniek									
Dairy: 2									
George, George Animal Hospital									
Beef: 2, Sheep: 2									
Malmesbury, Dr Otto Kriek									
Dairy: 2									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 3									
Northern Cape									
Upington, Upington Veterinary Clinic									
Sheep: 1									
Pasteurellosis									
Mastitis in general									^
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 (2)		2.3 (6)	2.2 (10)	2.3 (4)	2.3 (9)	1.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.5 (2)	1.0 (1)	2.0 (1)		3.0 (1)	1.8 (5)	3.0 (1)	2.0 (2)	
Dairy					2.3 (4)	2.6 (5)	2.0 (2)	2.7 (6)	
Sheep		1.0 (1)	2.0 (1)		2.0 (1)		2.0 (1)	1.0 (1)	1.0 (1)
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Nelspruit, Nelspruit Animal Hospital									
Beef: 2									
One outbreak of mastitis in a Brahman herd. Thick teats and yellow puss from the orifices. Confirmed as <i>Staphylococcus intermedius</i> . Concentration of cows in the kraal and fly transmission play a role.									
Gauteng									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 1, Sheep: 1									
Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 2, Sheep: 2									
Free State									
Bultfontein, Greylingrust Dieresprekkamer									

Dairy: 2
Clocolan, Clocolan Dierekliniek
Dairy: 3
Ficksburg, Ficksburg Dierekliniek
Beef: 3
Kroonstad, Kroonstad Dierehospitaal
Dairy: 2
Parys, Parys Dierehospitaal
Dairy: 2, Sheep: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 2
Estcourt, Estcourt Vet Clinic
Beef: 2, Dairy: 2
Kokstad, E.G.Veterinary Services
Dairy: 2
Mooi River, Mooirivier Vet Clinic
Dairy: 3
Newcastle, Ncanduvet Newcastle
Beef: 2
Pongola, Pongola Animal Clinic
Beef: 1
Underberg, Underberg Veterinary Surgery
Dairy: 3
Underberg, Waterford Farm, Underberg
Dairy: 3
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 2
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2
Middelburg (EC), Steynsburg Dierehospitaal
Beef: 3
Western Cape
Caledon, Overberg Veterinary Hospital
Dairy: 3
Darling, Darling Dierekliniek
Dairy: 2
George, George Animal Hospital
Dairy: 3
Malmesbury, Dr Otto Kriek
Dairy: 2
On certain farms not enough is being done to address animal comfort. More could be done to remove excess dung in holding/feeding/sleeping pens more frequently and to provide any form of shade. Some farms have no shade at all !!!! The loss of production due to excessive mud/dung in pens and heat stress is astronomical !!! All farmers who really make an effort to provide a comfortable environment to their cattle are to be commended !

Malmesbury, Malmesbury Dierehospitaal									
Dairy: 3									
Oudtshoorn, Ostrimed									
Beef: 1, Sheep: 1									
Riversdale, Riversdal Dierekliniek									
Dairy: 3									
Staphylococcus aureus									
Swellendam, Swellendam Dierehospitaal									
Beef: 3									
Northern Cape									
Kuruman, Kuruman Dierekliniek									
Sheep: 1									
Navel III									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)			2.0 (1)	1.8 (4)	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)			2.0 (1)	1.7 (3)			
Dairy							1.0 (1)	1.0 (1)	
Sheep						2.0 (1)	2.0 (1)		
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 1									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 2									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Beef: 1									
Kokstad, E.G.Veterinary Services									
Beef: 2, Sheep: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Dairy: 1									
Queenstown, Queenstown Veterinary clinic									
Sheep: 2									
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 1									
Redgut (Sheep)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern

				West	State	Natal	Cape	Cape	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									
Trauma									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)						1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef								1.0 (1)	
Sheep		1.0 (1)							
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 1									
Western Cape									
Riversdale, Riversdal Dierekliniek									
Beef: 1									
Wire penetrating heart									
Downer									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)	3.0 (1)		1.5 (2)	2.3 (3)	2.0 (1)		2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef			3.0 (1)		1.5 (2)	2.5 (2)			2.0 (1)
Dairy		1.0 (1)				2.0 (1)	2.0 (1)		
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Dairy: 1									
Limpopo									
Machado, Blouberg Dierekliniek									
Beef: 3									
Drought conditions									
Free State									

Vrede, Saulshoek Dierepraktyk
Beef: 1
Wesselsbron, Wesselsbron Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Estcourt, Estcourt Vet Clinic
Beef: 3, Dairy: 2
Eastern Cape
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 2
Northern Cape
Kuruman, Kuruman Dierekliniek
Beef: 2

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

Free State
Harrismith, Harrismith Dierehospitaal
Beef: 1
Calves with degeneration of the abomasum before death. Chronic penetrating ulcer.
Western Cape
Caledon, Overberg Veterinary Hospital
Beef: 2
A few deaths reported by farmers
Sheep: 2
A few deaths reported by farmers
Ceres, Ceres Veterinary Hospital
Beef: 1
Calf with rectal prolaps
Malmesbury, Malmesbury Dierehospitaal
Beef: 3
14 Cows with unknown skin lesions in a herd. Under examination.

Metabolic Diseases

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

Mpumalanga

Bethal, Bethal Dierekliniek

Beef: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 1, Dairy: 1, Sheep: 1

Free State

Harrismith, Harrismith Dierehospitaal

Beef: 1

Weaner calves are fed high maize content in concentrates without an adaptation period.

Parys, Parys Dierehospitaal

Beef: 2

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Dairy: 2

Eastern Cape

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 3

More than 100 cases

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 1

Displaced abomasum



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

Dairy					2.0 (1)	2.0 (1)			
Free State									
Parys, Parys Dierehospitaal									
Dairy: 2									
Kwazulu-Natal									
Mooi River, Mooirivier Vet Clinic									
Dairy: 2									

Ketosis



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

Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 1									
Free State									
Reitz, Riemland Dierekliniek									
Sheep: 3									
Kwazulu-Natal									
Mtubatuba, Mtubatuba Animal Clinic									
Goat: 1									

Milk Fever ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.8 (8)	2.0 (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 (3)				
Dairy					1.3 (3)	2.0 (3)	2.0 (1)		
Sheep					2.0 (2)		2.0 (1)		

Free State									
Clocolan, Clocolan Dierekliniek									
Dairy: 1									
Frankfort, Frankfort Dierekliniek									
Beef: 2									
Kroonstad, Kroonstad Dierehospitaal									
Dairy: 2									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Sheep: 2									
Parys, Parys Dierehospitaal									
Dairy: 1									
Reitz, Riemland Dierekliniek									
Beef: 2, Sheep: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Dairy: 2									

Mooi River, Mooirivier Vet Clinic
Dairy: 3
Mtubatuba, Mtubatuba Animal Clinic
Dairy: 1
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2, Sheep: 2

Reproductive diseases

Dystocia (Difficult Births) [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (8)	2.0 (5)	2.0 (4)	2.6 (7)	2.2 (21)	2.3 (18)	2.3 (6)	2.0 (12)	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 (8)	2.7 (3)	2.0 (4)	2.6 (7)	2.3 (15)	2.1 (14)	2.3 (6)	2.1 (7)	1.5 (2)
Dairy					2.0 (3)	2.7 (3)		2.3 (3)	
Sheep		1.0 (2)			2.0 (3)	3.0 (1)		1.0 (2)	

Mpumalanga									
Balfour, Balfour Dierekliniëk									
Beef: 1									
Bethal, Bethal Dierekliniëk									
Beef: 2									
Grootvlei, Grootvlei Dierekliniëk									
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									
Volksrust, Volksrust Dierehospitaal									
Beef: 2									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 3, Sheep: 1									
Bronkhorstspuit, Kerkstraat Dierekliniëk									
Beef: 2									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 3, Sheep: 1									
Limpopo									
Bela-Bela, Warmbad Dierekliniëk									

Beef: 2
Machado, Blouberg Dierekliniek
Beef: 3
Mokopane, Dr Henk Visser
Beef: 2
Vaalwater, Vaalwater Dieresprekkamer
Beef: 1
North West
Brits, Brits Dierekliniek
Beef: 2
Christiana, Christiana Dierehospitaal
Beef: 3
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3
Animals in poor condition, animals were fed in the last trimester.
Rustenburg, Protea Dierekliniek
Beef: 2
Schweizer-Reneke, NJ Heyns
Beef: 3
Stella, Stella Dierekliniek
Beef: 3
Ventersdorp, Buffelsvlei Dierekliniek
Beef: 2
One caezarean
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 2
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 2
Clocolan, Clocolan Dierekliniek
Beef: 3, Dairy: 2, Sheep: 2
Dewetsdorp, Platkop Dierekliniek
Beef: 2
Ficksburg, Ficksburg Dierekliniek
Beef: 3
Frankfort, Frankfort Dierekliniek
Beef: 3
Harrismith, Harrismith Dierehospitaal
Beef: 2
Kroonstad, Kroonstad Dierehospitaal
Beef: 2, Dairy: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 2, Sheep: 1
Memel, Memel Veterinary Clinic
Beef: 2
Parys, Parys Dierehospitaal
Beef: 3
Especially in cows in peer condition at calving.
Reitz, Riemland Dierekliniek
Beef: 3, Dairy: 2, Sheep: 3

Vrede, Saulshoek Dierepraktyk
Beef: 2
Vrede, Vrede Dierehospitaal
Beef: 1
Wesselsbron, Wesselsbron Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Bergville, Tugela Vet Clinic
Beef: 1
Dundee, Endumeni Herd health
Beef: 3, Sheep: 3
Dundee, Mpati Veterinary Clinic
Beef: 2
Estcourt, Estcourt Vet Clinic
Beef: 3, Dairy: 3
Howick, Howick Veterinary Clinic
Beef: 3, Dairy: 3
Kokstad, E.G.Veterinary Services
Beef: 2
Mooi River, Moirivier Vet Clinic
Beef: 3, Dairy: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Newcastle, Ncanduvet Newcastle
Beef: 3
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 2
Pongola, Pongola Animal Clinic
Beef: 1
Underberg, Underberg Veterinary Surgery
Beef: 2
Vryheid, Gert Theron Vryheid
Beef: 1
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 2
Cradock, Cradock Veterinary Clinic
Beef: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Beef: 2
Middelburg (EC), Steynsburg Dierehospitaal
Beef: 3
Queenstown, Queenstown Veterinary clinic
Beef: 3
Uitenhage, Uitenhage Dierehospitaal
Beef: 2
Western Cape
Caledon, Overberg Veterinary Hospital

Beef: 3									
One macerated foetus									
Ceres, Ceres Veterinary Hospital									
Beef: 2, Sheep: 1									
Ewe with dead twins and uterine prolaps									
Darling, Darling Dierekliniek									
Dairy: 2									
George, George Animal Hospital									
Beef: 2									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Malmesbury, Dr Otto Kriek									
Beef: 3									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 3									
Oudtshoorn, Ostrimed									
Beef: 1, Sheep: 1									
Swellendam, Swellendam Dierehospitaal									
Beef: 2									
Wellington, Wellington Dierehospitaal									
Beef: 2									
Northern Cape									
Kathu, Kathu Dierekliniek									
Beef: 1									
Kuruman, Kuruman Dierekliniek									
Beef: 2									
Endometritis									
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)		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					2.0 (1)	3.0 (1)		2.0 (1)	
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 1									
Free State									
Clocolan, Clocolan Dierekliniek									
Dairy: 2									
Kwazulu-Natal									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									

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

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 3									
Schweizer-Reneke, NJ Heyns									
Beef: 3									
Free State									
Ficksburg, Ficksburg Dierekliniek									
Beef: 2									
Reitz, Riemland Dierekliniek									
Dairy: 2									
Kwazulu-Natal									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Western Cape									
Darling, Darling Dierekliniek									
Dairy: 3									
Malmesbury, Dr Otto Kriek									
Dairy: 2									
On certain farms not enough is being done to address animal comfort. More could be done to remove excess dung in holding/feeding/sleeping pens more frequently and to provide any form of shade. Some farms have no shade at all !!!! The loss of production due to excessive mud/dung in pens and heat stress is astronomical !!! All farmers who really make an effort to provide a comfortable environment to their cattle are to be commended !									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 3									
Swellendam, Swellendam Dierehospitaal									
Beef: 3									

Poor conception									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)			2.0 (1)	3.0 (2)	3.0 (2)	1.0 (1)	2.5 (4)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases									

					reported			
Beef	1.0 (1)			2.0 (1)	3.0 (2)	3.0 (1)	1.0 (1)	3.0 (1)
Dairy						3.0 (1)		2.3 (3)

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 2									
Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 3									
Parys, Parys Dierehospitaal									
Beef: 3									
Kwazulu-Natal									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Underberg, Underberg Veterinary Surgery									
Beef: 3									
Eastern Cape									
Queenstown, Queenstown Veterinary clinic									
Beef: 1									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Beef: 3									
Darling, Darling Dierekliniek									
Dairy: 3									
Malmesbury, Dr Otto Kriek									
Dairy: 1									
On certain farms not enough is being done to address animal comfort. More could be done to remove excess dung in holding/feeding/sleeping pens more frequently and to provide any form of shade. Some farms have no shade at all !!!! The loss of production due to excessive mud/dung in pens and heat stress is astronomical !!! All farmers who really make an effort to provide a comfortable environment to their cattle are to be commended !									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 3									

Retained afterbirth										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	2.0 (1)		2.0 (1)	1.7 (7)	2.0 (7)	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	1.0 (1)	2.0 (1)		2.0 (1)	1.6 (5)	1.8 (6)	2.0 (2)	1.7 (3)	
Dairy					2.0 (2)	3.0 (1)		2.3 (3)	

Mpumalanga									
Balfour, Balfour Dierekliniek									

Beef: 1
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2
North West
Schweizer-Reneke, NJ Heyns
Beef: 2
Free State
Bultfontein, Greylingrust Dierspreekkamer
Beef: 2
Clocolan, Clocolan Dierekliniek
Beef: 2, Dairy: 2
Ficksburg, Ficksburg Dierekliniek
Beef: 1
Frankfort, Frankfort Dierekliniek
Beef: 2
Harrismith, Harrismith Dierehospitaal
Beef: 1
Kroonstad, Kroonstad Dierehospitaal
Dairy: 2
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 1
Dundee, Endumeni Herd health
Beef: 1
Howick, Howick Veterinary Clinic
Dairy: 3
Kokstad, E.G.Veterinary Services
Beef: 2
Mooi River, Moirivier Vet Clinic
Beef: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Underberg, Underberg Veterinary Surgery
Beef: 3
Eastern Cape
Middelburg (EC), Steynsburg Dierehospitaal
Beef: 3
Queenstown, Queenstown Veterinary clinic
Beef: 1
Western Cape
Caledon, Overberg Veterinary Hospital
Beef: 1
Darling, Darling Dierekliniek
Dairy: 3
George, George Animal Hospital
Dairy: 1
Malmesbury, Dr Otto Kriek
Beef: 2
Malmesbury, Malmesbury Dierehospitaal

Dairy: 3									
Swellendam, Swellendam Dierehospitaal									
Beef: 2									
Sheath Prolaps									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						1.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef						1.0 (1)			
Kwazulu-Natal									
Pongola, Pongola Animal Clinic									
Beef: 1									
Bull with prolaps									
Uterus prolaps									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)	1.7 (3)	1.0 (1)		1.9 (11)	2.2 (6)	2.0 (2)	1.0 (1)	1.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.5 (2)	1.5 (2)	1.0 (1)		1.9 (9)	2.0 (4)			1.0 (1)
Dairy					2.0 (1)	2.5 (2)			
Sheep		2.0 (1)			2.0 (1)		2.0 (2)	1.0 (1)	
Mpumalanga									
Bethal, Bethal Dierekliniek									
Beef: 1									
Nelspruit, Nelspruit Animal Hospital									
Beef: 2									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2, Sheep: 2									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 1									
Limpopo									
Bela-Bela, Warmbad Dierekliniek									
Beef: 1									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 1									
Clocolan, Clocolan Dierekliniek									
Beef: 2									

Frankfort, Frankfort Dierekliniék
Beef: 3
Harrismith, Harrismith Dierehospitaal
Beef: 2
Hoopstad, Hoopstad Dierekliniék
Beef: 2, Sheep: 2
Kroonstad, Kroonstad Dierehospitaal
Beef: 1
Parys, Parys Dierehospitaal
Beef: 2
Reitz, Riemland Dierekliniék
Beef: 2, Dairy: 2
Wesselsbron, Wesselsbron Dierekliniék
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 1
Estcourt, Estcourt Vet Clinic
Beef: 2, Dairy: 2
Howick, Howick Veterinary Clinic
Beef: 3, Dairy: 3
Mooi River, Mooirivier Vet Clinic
Beef: 2
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 1
Middelburg (EC), Steynsburg Dierehospitaal
Sheep: 3
More than 10 cases
Western Cape
Ceres, Ceres Veterinary Hospital
Sheep: 1
Ewe with dead twins and uterine prolaps
Northern Cape
Kuruman, Kuruman Dierekliniék
Beef: 1

Vaginal (Cervical) prolaps [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	2.0 (2)			1.9 (10)	2.2 (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	1.0 (1)	2.0 (1)			1.8 (8)	2.3 (4)	3.0 (1)		
Sheep		2.0 (1)			2.5 (2)	2.0 (1)			

Mpumalanga

Bethal, Bethal Dierekliniek
Beef: 1
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2, Sheep: 2
Free State
Clocolan, Clocolan Dierekliniek
Beef: 1
Dewetsdorp, Platkop Dierekliniek
Beef: 1
Frankfort, Frankfort Dierekliniek
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 1
Parys, Parys Dierehospitaal
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 2, Sheep: 2
Vrede, Vrede Dierehospitaal
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 3
Bergville, Tugela Vet Clinic
Sheep: 2
Estcourt, Estcourt Vet Clinic
Beef: 1
Howick, Howick Veterinary Clinic
Beef: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Eastern Cape
Middelburg (EC), Steynsburg Dierehospitaal
Beef: 3

Climatical Cause

Heat stress ^

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									
Dairy						3.0 (1)			

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Dairy: 3

Lightning

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)			2.0 (1)	1.8 (8)	1.3 (3)			

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

Beef	2.0 (1)			2.0 (1)	1.8 (8)	1.3 (3)			
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Mpumalanga

Piet Retief, Pets Vet Hospital

Beef: 2

North West

Ventersdorp, Buffelsvlei Dierekliniek

Beef: 2

Five cows and calf died under a tree

Free State

Frankfort, Frankfort Dierekliniek

Beef: 2

Harrismith, Harrismith Dierehospitaal

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Memel, Memel Veterinary Clinic

Beef: 3

Lightning strike is a serious seasonal problem. Insurance reports written for more than 10 animals in November.

Reitz, Riemland Dierekliniek

Beef: 2

Vrede, Saulshoek Dierepraktyk

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 1

Estcourt, Estcourt Vet Clinic

Beef: 1

Mooi River, Mooirivier Vet Clinic

Beef: 2

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

Beef		1.0 (1)							
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Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

Non specific diseases

Other species



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)					
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North West

Schweizer-Reneke, NJ Heyns

Beef: 3

Escom pole broken, three cattle shocked and died.

Preditors



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

Frankfort, Frankfort Dierekliniek

Sheep: 3

Ladybrand, Ladybrand / Excelsior Dierekliniek

Sheep: 3

Vrede, Saulshoek Dierpraktik

Sheep: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic									
Beef: 2									
Underberg, Waterford Farm, Underberg									
Dairy: 2									
Predation by jackals - 3 cows died during calving and having milk fever									
Sabotage - Theft									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		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		2.0 (1)				2.0 (1)			
Sheep					2.0 (2)				
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Free State									
Frankfort, Frankfort Dierekliniek									
Sheep: 3									
Vrede, Saulshoek Dierpraktijk									
Sheep: 1									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									

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Ostriches

Western Cape

Oudtshoorn: dr . Adriaan Olivier

Bont-legged ticks (3)

Diarrhoea (3)	<p>Chick season starting. Large fluctuations in temperatures: temperature spikes – eg 42°C next day 26°C and then 14°C. Very cold early morning and afternoon. Temperature settings to high during evenings? Trigger to problems. Water disinfection. Slow response to chicks showing early signs (poor feed intake, slight depression) PM: severe diffuse pseudomembranous typhlocolitis/</p> <p>Culture</p> <p><i>Clostridium</i> and <i>E.coli</i>. Large variation to effectiveness of antibiotics. First line (macrolides and oxytetracyclines) efficiency 70%. 2nd and 3rd lines 50% and below.</p>
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Flies and midges (2)	An insect explosion. Associated problems notably eye infections. Water in irrigation channels stimulate further insect activity notably mosquitoes and midges.
Red gut (3)	Very hot weather (spikes). Cause a significant reduction in feed intake. Birds over eat during cooler times which gives the classical red gut syndrome (=pulpy kidney) with over abundance of nutrients.
Feed refusal	Large fluctuations in temp (cold and very hot) up to 20° C variation per day and night. Birds have lowered intake during these times and progress into a catabolic state. Feed quality a problem as it is difficult times and least cost rations are used. Birds smell/ taste feed changes and refuse to eat new formulations although made to spec.

Protein deficiency (1)

Energy deficiency (3)

Phosphate deficiency (1)

Navell ill (1)

Alpacas

Western Cape

Ceres – dr. Johani Pieterse

Two young with umbilical hernias

A male with constipation and pneumonia

Wellington – dr. William van Zyl

Dystocia (2)

Horses

Gauteng

Glen Austin Equine clinic

African horse sickness just north of Kyalami, no vaccination history

Limpopo

Machado – dr. Freddy Harris

Liver damage – horses died. Hay with toxic plants, 4 died and another 6 near death.

Horses with fungal infections

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

Horse with ringworm

KwaZulu-Natal

Camperdown – dr. Anthony van Tonder

Babesiosis (1)
Thin horses (2)
Colic (1)

Underberg - drs. Collins, King and Delaney

Senecio poisoning

Western Cape

Caledon – drs. Retief and Rissik

Red-legged ticks (3)
Nuisance flies (3)
Lameness (1)

Swellendam – dr. Jacques malan

African horse sickness vaccine not available!

Dogs

Limpopo

Machado – dr. Freddy Harris

Rabies (3) Huge problem

Game

Limpopo

Bela-Bela – drs. Du Toit, Hansen, Bester and Herbst

Protein and energy deficiencies in tsetse and black impala due to late rain. Animals do not want to eat supplementary food.

Heartwater in springbuck

Machado – dr. Freddy Harris

Nyalas and sables died of heartwater

Free State

Hertzogville - dr. Nico Hendrikz

In Reveilo district slangkop poisoned 40 roans

KwaZulu-Natal

Underberg – dr. Pete Domett

Twelve out of 20 blesbuck lambs and 2 out of 2 springbuck lambs were caught by jackals

Western Cape

Riversdale – drs. Du Plessis, Taylor and De Bruyn

Bontebokke died of wireworm infestation

Bontebokke had coccidiosis

Eastern Cape

Aliwal North – drs. Troskie and Strauss

Ophthalmia in blesbuck

Feedlot report received from dr. Shaun Morris and dr. Eben du Preez (edupreez1@telkomsa.net)

Cattle feedlots:

Many cases still occurred where adhesions of the lungs, active pleuritis and pneumonia were seen. Lungs and even carcasses were condemned. This is the typical result of dusty and windy conditions which occurred after winter.

Red gut, bloat and acidosis also occurred more frequently during the severe windy condition accompanied by rain.

Human error with the mixing of rations contributed to losses due to red gut, acidosis, and bloat and in a few cases ulcers in the abomasum (milk stomach) and peritonitis were the cause of death.

Cattle in the feed lot also died from heart failure which was confirmed histologically that muscle damage took place. This was probably caused by toxic plants that were eaten at the farm of origin but not in sufficient amounts to cause acute death. With stress later on the heart animals died.

Parafilaria lesions (false bruising) were seen at abattoirs causing economic loss.

Measles are regularly seen at abattoirs in spite of precautionary measures taken by feedlots. Samples taken in formalin confirmed that in most cases the infection had already taken place before the cattle arrived at the feedlot.

Tracing the infected cattle to the farm of origin is nearly impossible as animals were bought at an auction. This makes it difficult to give information and training on the prevention of infection to breeders. Measles cause millions of Rand losses to feedlots.

A lot of attention is given to fly, internal and external parasite control as these populations are on the increase.

Black quarter cases occurred especially in calves on the veld.

Calving problems (dystocias) often occur in pregnant heifers arriving at feedlots.

Lumpy skin cases were reported. False lumpy skin cases caused by the Allerton virus were seen. This is a less pathogenic virus and causes superficial lesions mostly on the neck and front quarters. This condition occurs mainly in early summer and is often misjudged as failure of the lumpy skin vaccine.

Dermatosparaxis is seen periodically. This is a congenital (aangebore) condition where the animal has not sufficient connective tissue in the skin and the result is that the skin tears easily when the animal bumps against an object. The open wounds take a long time to heal and in the summer blowflies and maggots cause serious problems.

Sheep feedlots:

Pulpy kidney, blood gut, adaptation problems and acidosis are often seen. During the last two months this was a greater problem in lambs arriving at feedlots from poor grazing. The lambs in poor condition take about 3 weeks before they start eating properly and a lot of lambs die in spite of receiving good nutrition. What was seen is that the whole gastrointestinal tract atrophied in such a way that healing took place too slowly or not at all. Some of these lambs also die when bad weather occurs as they have no fat reserves and their energy intake is too low to survive in these conditions.

Cases of *Sarcocystis* infections were seen at an abattoir. This is a condition where parasite lesions occur in muscles which look similar to measles. The infection usually comes from dogs or jackals which shed the infection in their faeces. This is why dogs are not allowed in the feedlot.

Sheep were seen where the whole fleece was shed. The condition was caused by the *Pseudomonas* bacteria which occur naturally on the skin. Fleece rot occurs when the skin stays wet for an extended period allowing the bacteria to multiply which secretes a toxin which causes a fever reaction. The fever reaction leads to a break in the wool.

Monthly report for November, 2014 from IDEXX laboratories supplied by dr. Marijke Henton (maryke@idexsa.net)

Pneumonia and lung abscesses were caused by *Trueperella pyogenes* in a pig, a sheep, and there were two cases in cattle. Other causes of pneumonia were *Mannheimia haemolytica* in feedlot sheep and a case of *Klebsiella pneumoniae* in cattle.

Clostridium novyi type B was isolated from a bovine lung. Although not proven scientifically, in practice, vaccines containing *C. novyi* A do not protect animals against infections due to type B, and vice versa. The Onderstepoort vaccine contains type A, and all the other commercially available vaccines contain type B.

A case of bovine infertility yielded *Histophilus somni* [*Haemophilus somnus*].

Mannheimia haemolytica caused blue udder in a sheep, and an outbreak of mastitis in cattle yielded mostly *Staphylococcus intermedius*, as well as *Streptococcus dysgalactiae* and *Corynebacterium amycolatum*.

Salmonella Dublin caused septicaemia in a calf, and *Salmonella* Typhimurium caused enteritis in another calf.

A single case of *Corynebacterium pseudotuberculosis* causing abscessation was found in a goat.

**Monthly report for October 2014 from Dr R D Last (BVSc; M.Med.Vet(Path); MRCVS)
Specialist Veterinary Pathologist, Vetdiagnostix - Veterinary Pathology Services**

LIVESTOCK DISEASE SURVEILLANCE			
LIVESTOCK SPECIES	DISEASE AGENT	NO. CASES	LOCATION
Ovine, Ewe	Cardiac glycoside poisoning (Tulp)	1	Underberg, KZN
Bovine, Beef Cow	Liver Fluke	1	Ficksburg, E Free State
Bovine, Beef Calves	Rumen acidosis	2	Greytown, KZN
Bovine, Calves	Pasteurella multocida	1	Greytown, KZN
Bovine, Cow	Peliosis hepatis	1	Estcourt, KZN
Bovine, Calf	Shipping Fever	1	Mooi River, KZN
Bovine, Bull	Bovine Leukosis Virus (Serology)	1	Jeffreys Bay, E.Cape
Bovine, Calf	Chronic seneciosis	1	Vryheid, KZN
Ovine, Adult Ewe	Toxic hepatopathy	1	Howick, KZN
Bovine, Cows	Mannheimia hemolytica	2	Richmond, KZN
Bovine, Calf	Enteric coronavirus	1	Pietersburg, Limpopo
Bovine, Cow	Onion poisoning	1	Pietersburg, Limpopo
Bovine Bulls	Trichomonas foetus	6	Summerset East
Bovine Bulls	Campylobacter foetus	4	Summerset East
Bovine Calf	Clostridium perfringens (Red gut)	1	Underberg, KZN
Ovine Lamb	Clostridium perfringens (Red gut)	1	Dundee, KZN
Bovine Cows	Mannheimia hemolytica	2	Greytown, KZN
Bovine Calf	Group B Salmonella	1	Howick, KZN
Bovine Calf	Clostridium perfringens (Red gut)	1	Dundee, KZN
Bovine, Heifer	Septicaemic salmonellosis	1	Jeffreys Bay, E.Cape
Bovine, Cows	Liver Fluke	2	Darling, W Cape

KZN MASTITIS BACTERIAL ISOLATES
November 2014

Bacterial isolate	Number of Cases
<i>Bacillus cereus</i>	
<i>Citrobacter</i> spp	
<i>Corynebacterium</i> spp	
<i>Enterobacter</i> spp	
<i>Enterococcus</i> spp	
<i>Escherchia coli</i>	2
Haemolytic <i>Escherchia coli</i>	
<i>Klebsiella</i> spp	
<i>Proteus</i> spp	
<i>Pseudomonas</i> spp	
<i>Staphylococcus aureus</i>	
<i>Staphyloccoous epidermidis</i>	
<i>Staphylococcus intermedius</i> group - white	
<i>Staphylococcus intermedius</i> group - yellow	
<i>Staphylococcus pseudintermedius</i>	
<i>Stapylococcus</i> spp (Coagulase Negative)	
<i>Streptococcus agalactiae</i>	1
<i>Streptococcus dysgalactiae</i>	
<i>Streptococcus pneumoniae</i>	
<i>Streptococcus uberis</i>	1