

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

December 2014

The following practices and laboratories (105) submitted reports in December 2014:

Mpumalanga (13)

Balfour – dr. Louis van Jaarsveld
Bethal – dr. Hardus Pieters
Delmas – dr. Johan Jooste
Ermelo – drs. Potgieter and Steinberg
Grootvlei – dr. Neels van Wyk
Lydenburg – drs. Trümpelmann and Steyn
Machadodorp – dr. Quinton van Oudtshoorn
Middelburg – drs. Fourie and Rabie
Nelspruit – dr. André Beytell
Piet Retief - drs. Niebuhr and Weber
Standerton – dr. Kobie Kroon
Standerton – drs. Nel, Swart, Van der Merwe and Berg
Volksrust – dr. André Visser

Gauteng (4)

Bapsfontein – dr. Evert Olivier
Bronkhorstspuit – drs. De Bruin, De Bruin, Rudolph and Slabber
Onderstepoort Veterinary Academic Hospital – proff. Annandale, Prozesky, Shakespeare, drs. Blignaut, Carrington, Gratwick, Grobler, Harmse, Holm and O'Dell
Pretoria – dr. Hanneke Pienaar

Limpopo (5)

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 (8)

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
Swartruggens – dr. Roselle Hartwigsen
Ventersdorp – dr. Olof Marais

Free State (23)

Bethlehem – drs. Basson, Strydom and Strydom
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/Excelsior - 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. Hauptfleisch
Vrede – drs. Myburgh and Bester-Cloete
Vrede- dr. Rudolph Fourie
Wesselsbron –dr. Johan Jacobs
Winburg – Albertyn and Albertyn
Zastron – dr. P.P. Brand

KwaZulu-Natal (18)

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

Newcastle – dr. Barry Rafferty

Pietermaritzburg – dr. Phillip Kretzmann

Pietermaritzburg – dr. Rick Mapham

Pongola – dr. Heinz Kohrs

Underberg - drs. Collins, King and Delaney

Vryheid – dr. Gert Theron

Eastern Cape (8)

Alexandria - drs. Olivier and Dreyer

Alexandria – dr. Thys Potgieter

Aliwal North – drs. Troskie and Strauss

Graaff- Reinet - dr. Roland Larson

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

Jeffreys Bay - drs. Lategan, Hoek and McFarlane

Port Alfred – dr. Leon de Bruyn

Uitenhage – drs. Mulder and Krüger

Western Cape (16)

Beaufort West - drs. Pienaar and Grobler

Caledon – Retief and Rissik

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

Malmesbury – drs. Bosman and Groenewald

Malmesbury – dr. Markus Fourie

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

Vredenburg - dr. Izak Rust

Wellington – dr. William van Zyl

Northern Cape (4)

De Aar – dr. Donald Anderson

Kathu – dr. Jan Vorster

Kimberley – drs. Van Heerden and Swart
Upington – drs. Vorster and Visser

Feedlots (2)

Drs. Morris and Du Preez
Dr. Andy Hentzen

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 December 2014

105 Reports from veterinary practices and laboratories were received (Mpumalanga 13; Gauteng 4; Limpopo 5; North West 8; Free State 23; KwaZulu-Natal 18; Eastern Cape 8; Western Cape 16; Northern Cape 4; Feedlot 2 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. Numerous reports were received of game dying of wireworm infestation. As **wireworm resistance** to anthelmintics is widespread consult your veterinarian in selecting the anthelmintic groups which are still controlling the parasites on your farm. It is important that you are aware of the codes on the packaging of the dewormers so as to select the correct active ingredient.

Group code	Generic class of actives	Example of actives
1*	Macrocyclic lactones (ML's)	Abamectin Doramectin Eprinomectin Ivermectin Moxidectin
2*	Benzimidazoles (white drugs)	Albendazole Fenbendazole Febental Ricobendazole Triclabendazole
3*	Imidathiazoles (clear drugs)	Levamisole Morantel
4*	Salicylanilides	closantel Niclosamide Oxiklozanide Rafoxanide

		Resorantel
5*	Phenols	Nitroxinyl
6*	Sulfonamides	Clorsulon
7*	Organofosphos	Trichlorfon
8*	Isoquinolones	Prasiquantel
9*	Others Amino-acetonitryl-derivatives (AAD's)	Piperazine Monepantel
10*	Spiroindoles	Derquantel

Problems with **brown stomach worm** were also reported from the Western Cape. Ask your veterinarian to explain the concept of refugia to you when using dewormers.

Tapeworms

Reports of tapeworm infestations were received from Mpumalanga, Gauteng, Limpopo, North West, Free State, Eastern and Western Cape.

Parafilaria

This parasite causes a condition which is called false bruising and this leads to downgrading of the carcass at slaughter. Animals should be treated 70 days before slaughter to allow the lesions to heal. Discuss treatment with your veterinarian. Reports were received from Limpopo, North West, Free State and KwaZulu-Natal.

Flukes

Study reports from abattoirs to see whether animals slaughtered are infested with liver fluke and discuss control measures with your veterinarian. There is also a blood test available that can be done to establish whether the animal has liver fluke. Reports were received from Mpumalanga, Gauteng, Free State, KwaZulu-Natal and the Western Cape.

Immature conical flukes cause severe **diarrhoea**. Reports were received from Mpumalanga, Limpopo, Free State, KwaZulu-Natal and the Eastern Cape. Young animals are especially susceptible. Take care when new animals are brought into an area.

Cysticercosis (measles)

Reports were received from Mpumalanga, Gauteng, 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 except the Northern Cape

Heart water tick: Mpumalanga, Gauteng, Limpopo, North West, KwaZulu-Natal and the Eastern Cape

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

Bont-legged ticks: All provinces except Eastern and Northern Cape. The toxin of this tick causes sweating disease, and this was reported. These ticks are spreading and reports were received from areas where they are not generally found. One tick can cause lameness in an animal. Remember that this tick is also the carrier of the Congo fever virus.

Red-legged tick: Mpumalanga, Gauteng, Free State and KwaZulu-Natal.

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.

Actives that are used to control ticks are: Organophosphates, amidines, pyrethroids, tick development inhibitors (fluazuron) and for blue ticks macrocyclic lactones.

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. There is serious red lice resistance to drugs and therefore farmers should be aware of buying in sheep with lice.

Mites

Be on the lookout for **disturbances** in wool and hair loss. **Sheep scab** is a State controlled disease. 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. Numerous reports of nuisance flies, blowflies, screw-worm and nasal bot were received. Be on the lookout for diseases carried by these insects. Ticks with long mouth parts (bont and bont-legged ticks) cause wounds which are the ideal spot for screw-worm flies to deposit their eggs. The macrocyclic lactones will kill the larvae.

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. Young calves less than 3 weeks of age died. 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 Limpopo and the Northern Cape. 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 all provinces. 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. Several vaccines are available and all animals should be vaccinated annually.

Three day stiff sickness

An increase in the occurrence of this disease was reported from all provinces except the Northern Cape. Vaccine is not available and serious economic losses were recorded.

Blue tongue

Reports of blue tongue were received from North West, Free State, KwaZulu-Natal, Eastern and Western 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

Only a few bulls are tested for venereal diseases this time of the year.

Trichomonosis

This venereal disease is causing havoc in our country. 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 was under control?

Bacterial diseases

The following bacterial diseases were reported: **blackquarter, pulpy kidney, swelled head, red gut, blood gut, tetanus, botulism, salmonellosis, bovine brucellosis, ovine brucellosis, Johnes, enzootic abortion, colibacillosis, lumpy wool and senkobo.**

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

The following viral diseases were reported: Bovine malignant catarrh (snotsiekte), rabies (Gauteng, Limpopo, North West and Free State), **infectious bovine rhinotracheitis (IBR), bovine viral diarrhoea (BVD), enzootic bovine leucosis (EBL), 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.

Protozoal diseases

Every now and then **besnoitiosis (olifantvelsiekte)** is recorded. Coccidiosis is also a protozoal disease and was recorded in all provinces except Mpumalanga and the Northern Cape.

Poisonings

The following toxicities were reported: **cardiac glycoside, tulip, ink berry (Cestrum), Cynanchum (klimop), facial eczema, dikoor, geeldikkop, Senecio, blue green algae, prussic acid, mycotoxicosis, organophosphate, ionophor, lead, urea, hypo, copper, lead, nitrate, acidosis and snake bite.**

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

Nutritional

The following **deficiencies** were recorded: energy, protein, **phosphate, calcium, iodine, copper, zinc, selenium, manganese, magnesium, 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, eye cancer, 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 and predators**.

Comments:

Important points for a successful farming operation

- **Biosecurity is the key word to keep in mind when farming with livestock.**
- **The identification of each individual animal is the start of good management.**
- **Fences should be intact**
- **Know the disease status of animals bought in before bringing them into the herd!**
- **Quarantine measures when animals are brought into the flock or herd.**
- **Control venereal diseases**
- **Eradicate brucellosis**
- **Strictly follow vaccination program drawn up with your veterinarian**
- **Parasite control program**
- **Correct usage of drugs**
- **Veterinarian: pregnancy diagnosis and bull testing, updating of programmes**
- **Training of personnel**

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 , Tape Worms , Parafilaria , Liver fluke , Conical Flukes , Cysticercosis
<u>External Parasites</u>	Blue ticks , Resistant blue Ticks , Heartwater (Bont) ticks , Brown ear-ticks , Bont-legged ticks , Red-legged ticks , Paralysis ticks , Biting lice (red lice) , Sucking lice (blue lice) , Scab mites , Mange Mites , Nuisance Flies , Blowflies , Screw-worm , Nasal bot larvae , Midges , Mosquitoes
<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
<u>Bacterial Disease (other)</u>	Blackquarter , Pulpy Kidney , Swelled head disease , Redgut (cattle) , Blood gut (Sheep) , Tetanus , Botulism , Salmonellosis , Brucella abortus , Brucella ovis , Johne`s disease , Enzootic Abortion , E.coli , Dermatophilosis (Lumpy Wool) , Bovine Dermatophilosis (Senkobo disease)
<u>Protozoal diseases (other)</u>	Besnoitiosis , Coccidiosis
<u>Fungal diseases</u>	Ringworm
<u>Viral Diseases (other)</u>	BMC , Rabies , BVD (Bovine viral diarrhoea) , IBR (Infectious bovine rhinotracheitis) , Enzootic Bovine Leucosis (EBL) , Orf , Warts
<u>Poisonings (Plant) and Fungal</u>	Cardiac glycoside poisoning , Cestrum , Cynanchum poisoning , Facial eczema , Geeldikkop/Dikoor , Nitrate poisoning , Prussic acid poisoning , Rye grass poisoning , Seneciosis , Tulip Poisoning , Mycotoxocosis , Other
<u>Poisonings</u>	Urea Poisoning , Snake Bite , Hypo , Blue-green algae , Chemical products , Other
<u>Macro Nutritional Problems</u>	Energy deficiency , Protein deficiency , Phosphate deficiency , Calcium deficiency
<u>Micro Nutritional Problems</u>	Iodine deficiency , Copper deficiency , Zinc deficiency , Selenium deficiency , Magnesium deficiency , Manganese deficiency , Vitamin A deficiency , Vitamin B deficiency
<u>Multi-factorial Disease Conditions</u>	Abortions , Stillbirths , Abscesses , Abscesses in general , Bladder stones , Blindness , Bloat , Blue udder , Diarrhoea , Eye Cancer , Eye infections , Joint Ill , Lameness/Foot Problems , Lung infection , Mastitis in general , Navel Ill , Redgut (Sheep) , Downer
<u>Metabolic Diseases</u>	Acidosis , Displaced abomasum , Ketosis , Milk Fever
<u>Reproductive diseases</u>	Dystocia (Difficult Births) , Endometritis , Metritis , Poor conception , Retained afterbirth , Sheath Prolaps , Uterus prolaps , Vaginal (Cervical) prolaps

<u>Climatical Cause</u>	<u>Heat stress, Lightning, Frozen to death</u>
<u>Non specific diseases</u>	<u>Predators, Sabotation - Theft, Trauma</u>

Internal Parasites

Roundworms in general

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (6)	2.0 (2)	2.0 (2)	2.5 (2)	2.3 (16)	2.2 (19)	1.7 (6)	2.2 (5)	1.0 (1)

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

Beef	1.0 (1)				2.0 (3)	2.0 (4)			
Dairy						2.5 (2)			
Sheep	1.5 (4)	3.0 (1)	2.0 (2)	2.5 (2)	2.4 (13)	2.4 (7)	1.8 (4)	2.2 (5)	1.0 (1)
Goat	2.0 (1)	1.0 (1)				2.0 (6)	1.5 (2)		

Mpumalanga

Balfour, Balfour Dierekliniek

Sheep: 1

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 1

Middelburg , Middelburg Dierehospitaal

Sheep: 2

Standerton, Standerton Dierehospitaal

Sheep: 1

Volksrust, Volksrust Dierehospitaal

Sheep: 2, Goat: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Goat: 1

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 3

Limpopo

Mokopane, Dr Henk Visser

Sheep: 2

Polokwane, Pietersburg Veterinary Clinic

Sheep: 2

North West

Brits, Brits Dierekliniek

Sheep: 2

Stella, Stella Dierekliniek

Sheep: 3

Free State

Bloemfontein, Dr Stephan Wessels

Sheep: 3

Clocolan, Clocolan Dierekliniek

Sheep: 2

Ficksburg, Ficksburg Dierekliniek

Sheep: 3
Frankfort, Frankfort Dierekliniek
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 2, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Sheep: 3
Ladybrand, Ladybrand / Excelsior Dierekliniek
Sheep: 2
Memel, Memel Veterinary Clinic
Sheep: 1
Parys, Parys Dierehospitaal
Sheep: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Sheep: 3
Vrede, Saulshoek Dierepraktyk
Sheep: 2
Vrede, Vrede Dierehospitaal
Sheep: 3
Winburg, Winburg Dierekliniek
Beef: 2, Sheep: 2
Zastron, Zastron Dierekliniek
Sheep: 2
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Sheep: 2, Goat: 2
Dundee, Mpati Veterinary Clinic
Beef: 2, Sheep: 2, Goat: 2
Estcourt, Estcourt Vet Clinic
Beef: 2, Dairy: 2, Sheep: 3, Goat: 2
Howick, Howick Veterinary Clinic
Dairy: 3, Sheep: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Sheep: 2, Goat: 2
Newcastle, Ncanduvet Newcastle
Sheep: 3
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 2, Sheep: 2, Goat: 2
Pongola, Pongola Animal Clinic
Goat: 2
Eastern Cape
Aliwal North, Uitspan C Troskie
Sheep: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 2, Goat: 2
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 2
Uitenhage, Uitenhage Dierehospitaal
Sheep: 1, Goat: 1
Western Cape
Beaufort West, Beaufort West State Vet
Sheep: 2
Post mortem, mixed roundworms. Faecal egg counts increased.
Caledon, Overberg Veterinary Hospital

Sheep: 2
George, George Animal Hospital
Sheep: 2
Heidelberg (WC), Heidelberg Dierekliniek
Sheep: 2
Malmesbury, Malmesbury Dierehospitaal
Sheep: 3
Northern Cape
Kimberley, Kimberley Dierekliniek
Sheep: 1

Resistant Round Worms									^
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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)	2.3 (3)	2.0 (1)	2.0 (2)	3.0 (1)	

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

Sheep	1.0 (1)	2.0 (1)		2.0 (1)	2.3 (3)	2.0 (1)	2.0 (2)	3.0 (1)	
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Mpumalanga									
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Middelburg , Middelburg Dierehospitaal
Sheep: 1

Gauteng									
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Pretoria, Anima Veterinary Consulting Rooms
Sheep: 2

North West									
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Schweizer-Reneke, NJ Heyns
Sheep: 2
Farmers complaining anthelmintics are not effective

Free State									
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Clocolan, Clocolan Dierekliniek
Sheep: 3

Hoopstad, Hoopstad Dierekliniek
Sheep: 3

Reitz, Riemland Dierekliniek
Sheep: 1

Kwazulu-Natal									
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Dundee, Endumeni Herd health
Sheep: 2

Eastern Cape									
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Aliwal North, Uitspan C Troskie
Sheep: 1

Port Alfred, Port Alfred Veterinary Clinic
Sheep: 3

One farmer has worm resistance to benzimidazole, levamisole and macrocyclic lactones in sheep

Western Cape									
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Riversdale, Riversdal Dierekliniek
Sheep: 3

Wireworm									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern
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				West	State	Natal	Cape	Cape	Cape
Average	1.0 (1)	1.0 (2)	2.0 (1)	2.0 (2)	2.5 (10)	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					2.0 (2)				
Sheep	1.0 (1)	1.0 (1)	2.0 (1)	2.0 (2)	2.6 (8)	2.5 (2)			
Goat		1.0 (1)				2.0 (2)			

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Goat: 1

Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 1

Limpopo

Ellisras, Matoppi Dierekliniek

Sheep: 2

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Sheep: 2

Ventersdorp, Buffelsvlei Dierekliniek

Sheep: 2

Free State

Bethlehem, Bethlehem Animal Hospital

Sheep: 2

Clocolan, Clocolan Dierekliniek

Sheep: 2

Frankfort, Frankfort Dierekliniek

Sheep: 3

Hoopstad, Hoopstad Dierekliniek

Beef: 2, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Sheep: 3

Ladybrand, Ladybrand / Excelsior Dierekliniek

Sheep: 2

Reitz, Riemland Dierekliniek

Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 3

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Sheep: 3, Goat: 2

Mtubatuba, Mtubatuba Animal Clinic

Sheep: 2, Goat: 2

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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Western Cape

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Tape Worms

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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 (2)	3.0 (1)	2.0 (1)	1.8 (12)		1.0 (1)	1.7 (3)	

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

Beef	1.5 (2)				1.7 (6)				
Sheep	1.5 (2)	1.5 (2)	3.0 (1)	2.0 (1)	2.2 (5)		1.0 (1)	1.5 (2)	
Goat	2.0 (1)				1.0 (1)			2.0 (1)	

Mpumalanga

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 1, Sheep: 1

Volksrust, Volksrust Dierehospitaal

Beef: 2, Sheep: 2, Goat: 2

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 1

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Sheep: 3

North West

Ventersdorp, Buffelsvlei Dierekliniek

Sheep: 2

Free State

Bloemfontein, Dr Stephan Wessels

Sheep: 2

Clocolan, Clocolan Dierekliniek

Beef: 2

Ficksburg, Ficksburg Dierekliniek

Goat: 1

Ladybrand, Ladybrand / Excelsior Dierekliniek

Sheep: 3

Memel, Memel Veterinary Clinic

Beef: 1

Parys, Parys Dierehospitaal

Beef: 2
Reitz, Riemland Dierekliniek
Sheep: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2, Sheep: 2
Vrede, Saulshoek Dierepraktyk
Beef: 1, Sheep: 2
Winburg, Winburg Dierekliniek
Beef: 2
Eastern Cape
Aliwal North, Uitspan C Troskie
Sheep: 1
Western Cape
Beaufort West, Beaufort West State Vet
Goat: 2
Young Boer and Angora goats.
Caledon, Overberg Veterinary Hospital
Sheep: 2
Malmesbury, Malmesbury Dierehospitaal
Sheep: 1

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

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

Beef			1.5 (2)	1.5 (2)	2.0 (1)	1.5 (2)			
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Limpopo
Mokopane, Dr Henk Visser
Beef: 1
Polokwane, Pietersburg Veterinary Clinic
Beef: 2
North West
Brits, Brits Dierekliniek
Beef: 2
Swartruggens, Swartruggens Veterinary Clinic
Beef: 1
Free State
Zastron, Zastron Dierekliniek
Beef: 2
Kwazulu-Natal
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Pongola, Pongola Animal Clinic
Beef: 1

Liver fluke									^
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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 (2)		2.0 (2)	1.7 (3)		1.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported							
Beef	1.0 (1)	1.0 (2)		2.0 (1)	1.5 (2)		1.0 (1)
Dairy					2.0 (1)		
Sheep				2.0 (1)			

Mpumalanga							
Ermelo, Môregloed Veterinêre Spreekkamer							
Beef: 1							
Gauteng							
Bapsfontein, Bapsfontein Dierehospitaal							
Beef: 1							
Pretoria, Idexx Lab. OP							
Beef: 1							
Free State							
Reitz, Riemland Dierekliniek							
Beef: 2, Sheep: 2							
Kwazulu-Natal							
Dundee, Mpati Veterinary Clinic							
Beef: 1							
Estcourt, Estcourt Vet Clinic							
Beef: 2, Dairy: 2							
Western Cape							
Stellenbosch, Stellenbosch Animal Hospital							
Beef: 1							

Conical Flukes									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (3)		2.0 (1)		1.0 (2)	1.8 (4)	3.0 (1)		

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

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

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 1									
Standerton, Standerton Dierehospitaal									
Beef: 1									
Limpopo									
Machado, Blouberg Dierekliniek									
Beef: 2									
Free State									
Memel, Memel Veterinary Clinic									
Beef: 1									
Reitz, Riemland Dierekliniek									
Beef: 1									

Kwazulu-Natal									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									
Pongola, Pongola Animal Clinic									
Beef: 1									
Underberg, Underberg Veterinary Surgery									
Beef: 2									
Eastern Cape									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 3									

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

Mpumalanga									
Ermelo, Môregloed Veterinêre Spreekkamer									
Sheep: 1									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3									
All cases seen during meat inspection at abattoir – cattle from feedlots									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2									
Kwazulu-Natal									
Kokstad, E.G.Veterinary Services									
Sheep: 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	2.0 (8)	2.0 (2)	2.8 (4)	2.6 (5)	2.5 (17)	2.5 (11)	2.0 (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	2.0 (7)	2.0 (1)	2.5 (2)	2.6 (5)	2.5 (13)	2.5 (10)	2.0 (1)	3.0 (2)	

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

Mpumalanga						
Balfour, Balfour Dierekliniek						
Beef: 1						
Ermelo, Môregloed Veterinêre Spreekkamer						
Beef: 1						
Grootvlei, Grootvlei Dierekliniek						
Beef: 2						
Lydenburg, Lydenburg Dieresprekkamer						
Beef: 2						
Middelburg , Middelburg Dierehospitaal						
Beef: 3						
Nelspruit, Nelspruit Animal Hospital						
Beef: 3						
Common in Nelspruit and Nelspruit area (higher rainfall) and usually follows relaxation of tick control programme						
Dairy: 2						
Volksrust, Volksrust Dierehospitaal						
Beef: 2						
Gauteng						
Bapsfontein, Bapsfontein Dierehospitaal						
Beef: 2						
Pretoria, Anima Veterinary Consulting Rooms						
Sheep: 2						
Limpopo						
Mokopane, Dr Henk Visser						
Beef: 2						
Polokwane, Pietersburg Veterinary Clinic						
Beef: 3, Sheep: 3, Goat: 3						
North West						
Leeudoringstad, Leeudoringstad Dierekliniek						
Beef: 3						
Schweizer-Reneke, NJ Heyns						
Beef: 3						
Stella, Stella Dierekliniek						
Beef: 3						
Swartruggens, Swartruggens Veterinary Clinic						
Beef: 3						
Ventersdorp, Buffelsvlei Dierekliniek						
Beef: 1						
Free State						
Bethlehem, Bethlehem Animal Hospital						
Beef: 3						
Clocolan, Clocolan Dierekliniek						
Beef: 2						
Ficksburg, Ficksburg Dierekliniek						
Beef: 3						
Frankfort, Frankfort Dierekliniek						
Beef: 3						
Hoopstad, Hoopstad Dierekliniek						
Beef: 3, Dairy: 3, Sheep: 3						
Memel, Memel Veterinary Clinic						
Beef: 1						

Parys, Parys Dierehospitaal									
Beef: 2, Dairy: 2, Sheep: 2									
Reitz, Riemland Dierekliniek									
Beef: 3									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Vrede, Saulshoek Dierepraktyk									
Beef: 3									
Vrede, Vrede Dierehospitaal									
Beef: 3									
Winburg, Winburg Dierekliniek									
Beef: 3									
Zastron, Zastron Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Beef: 2									
Dundee, Endumeni Herd health									
Beef: 3									
Estcourt, Estcourt Vet Clinic									
Beef: 2, Dairy: 2									
Howick, Howick Veterinary Clinic									
Beef: 3									
Kokstad, E.G.Veterinary Services									
Beef: 2									
Mooi River, Mooirivier Vet Clinic									
Beef: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 3									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									
Pongola, Pongola Animal Clinic									
Beef: 2									
Underberg, Underberg Veterinary Surgery									
Beef: 2									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Western Cape									
George, George Animal Hospital									
Beef: 3									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Malmesbury, Malmesbury Dierehospitaal									
Beef: 3									
Riversdale, Riversdal Dierekliniek									
Dairy: 3									
Resistant blue Ticks									^
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)	1.0 (2)			

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

Beef	1.0 (1)	1.0 (1)	3.0 (1)	1.0 (2)
Mpumalanga				
Nelspruit, Nelspruit Animal Hospital				
Beef: 1				
North West				
Swartruggens, Swartruggens Veterinary Clinic				
Beef: 1				
Free State				
Winburg, Winburg Dierekliniek				
Beef: 3				
Kwazulu-Natal				
Kokstad, E.G.Veterinary Services				
Beef: 1				
Pongola, Pongola Animal Clinic				
Beef: 1				
More and more reports received of dips not being effective				

Heartwater (Bont) ticks									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (4)	3.0 (2)	2.5 (6)	2.6 (5)		2.5 (10)	2.8 (5)		

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

Beef	1.7 (3)	3.0 (1)	2.5 (2)	2.7 (3)		2.5 (4)	2.5 (2)		
Dairy						1.0 (1)	3.0 (1)		
Sheep	3.0 (1)	3.0 (1)	2.5 (2)	2.5 (2)		3.0 (2)	3.0 (1)		
Goat			2.5 (2)			2.7 (3)	3.0 (1)		
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Lydenburg, Lydenburg Dierespreekkamer									
Beef: 1									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3									
Common in warmer/drier bushveld areas									
Sheep: 3									
Gauteng									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 3									
Pretoria, Idexx Lab. OP									
Beef: 3									
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 2, Sheep: 2, Goat: 2									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 3, Sheep: 3, Goat: 3									
North West									
Brits, Brits Dierekliniek									

Beef: 3, Sheep: 3									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 2, Sheep: 2									
Swartruggens, Swartruggens Veterinary Clinic									
Beef: 3									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 3, Sheep: 3, Goat: 3									
Estcourt, Estcourt Vet Clinic									
Beef: 2, Dairy: 1, Goat: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Pietermaritzburg, Richmond Veterinary Clinic									
Beef: 3, Sheep: 3, Goat: 3									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Alexandria, Dr Thys (MJ) Potgieter									
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3									
Brown ear-ticks									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (3)	2.5 (2)	3.0 (5)	2.0 (1)	2.3 (8)	2.4 (5)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.3 (3)	2.5 (2)	3.0 (3)	2.0 (1)	2.3 (7)	2.4 (5)			
Sheep			3.0 (1)		2.0 (1)				
Goat			3.0 (1)						
Mpumalanga									
Lydenburg, Lydenburg Dieresprekkamer									
Beef: 3									
Middelburg, Middelburg Dierehospitaal									
Beef: 3									
Standerton, Standerton Dierehospitaal									
Beef: 1									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 3									
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 3									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 3, Sheep: 3, Goat: 3									
Vaalwater, Vaalwater Dieresprekkamer									
Beef: 3									
Severe brown ear-tick infestation with screw-worm infestations									
North West									
Swartruggens, Swartruggens Veterinary Clinic									

Beef: 2
Free State
Parys, Parys Dierehospitaal
Beef: 3
Reitz, Riemland Dierekliniek
Beef: 1
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 3
Vrede, Saulshoek Dierepraktyk
Beef: 2, Sheep: 2
Vrede, Vrede Dierehospitaal
Beef: 3
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 3
Estcourt, Estcourt Vet Clinic
Beef: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Vryheid, Dr GH Theron
Beef: 3

Bont-legged ticks									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.6 (5)	2.3 (3)	1.7 (3)	3.0 (5)	2.4 (28)	2.0 (2)		2.0 (2)	

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

Beef	1.5 (4)	2.5 (2)	1.0 (1)	3.0 (4)	2.5 (17)	2.0 (2)		2.0 (2)	
Dairy					2.0 (4)				
Sheep	2.0 (1)	2.0 (1)	2.0 (1)	3.0 (1)	2.6 (5)				
Goat			2.0 (1)		2.5 (2)				

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Lydenburg, Lydenburg Dieresprekkamer
Beef: 1
Standerton, Standerton Dierehospitaal
Beef: 2, Sheep: 2
Volksrust, Volksrust Dierehospitaal
Beef: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 3
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 2
Limpopo
Ellisras, Matoppi Dierekliniek
Sheep: 2
Wounds
Goat: 2
Mokopane, Dr Henk Visser
Beef: 1
North West
Brits, Brits Dierekliniek
Beef: 3
Christiana, Christiana Dierehospitaal
Beef: 3
Schweizer-Reneke, NJ Heyns
Beef: 3
Stella, Stella Dierekliniek
Beef: 3, Sheep: 3
Free State
Bethlehem, Bethlehem Animal Hospital
Beef: 3
Numbers increasing in the area
Bloemfontein, Dr Stephan Wessels
Beef: 3
Bultfontein, Greylingrust Dierspreekkamer
Beef: 3
Clocolan, Clocolan Dierekliniek
Beef: 3
Dewetsdorp, Platkop Dierekliniek
Beef: 2, Dairy: 2
Ficksburg, Ficksburg Dierekliniek
Beef: 3
Frankfort, Frankfort Dierekliniek
Beef: 3
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Dairy: 1, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3
Memel, Memel Veterinary Clinic
Beef: 1
Parys, Parys Dierehospitaal
Beef: 2, Dairy: 2, Sheep: 2, Goat: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 3, Sheep: 3
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2
Vrede, Saulshoek Dierpraktijk
Beef: 3
Vrede, Vrede Dierehospitaal
Beef: 1
Wesselsbron, Wesselsbron Dierekliniek

Beef: 2, Sheep: 2
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 1
Dundee, Endumeni Herd health
Beef: 3
Western Cape
Malmesbury, Malmesbury Dierehospitaal
Beef: 3
Oudtshoorn, Ostrimed
Beef: 1

Red-legged ticks									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (3)	2.0 (1)		2.5 (4)	2.4 (14)	3.0 (1)			

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

Beef	1.5 (2)	2.0 (1)		2.3 (3)	2.3 (7)	3.0 (1)			
Dairy					3.0 (2)				
Sheep	1.0 (1)			3.0 (1)	2.4 (5)				

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1, Sheep: 1
Volkstrust, Volkstrust Dierehospitaal
Beef: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2
North West
Christiana, Christiana Dierehospitaal
Beef: 3
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3, Sheep: 3
Seen spring paralysis in sheep
Swartruggens, Swartruggens Veterinary Clinic
Beef: 1
Free State
Bultfontein, Greylingrust Dieresprekkamer
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Dairy: 3, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 3, Sheep: 3
Memel, Memel Veterinary Clinic
Beef: 1
Parys, Parys Dierehospitaal
Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Vrede, Saulshoek Dierepraktik

Beef: 3, Sheep: 2

Winburg, Winburg Dierekliniek

Beef: 2

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

Beef: 3

Paralysis ticks

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

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

Sheep

2.0 (2) 1.0 (1)

Free State**Parys, Parys Dierehospitaal**

Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

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					1.3 (3)				

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

Beef

1.0 (1)

Sheep

1.5 (2)

Free State**Dewetsdorp, Platkop Dierekliniek**

Sheep: 2

Reitz, Riemland Dierekliniek

Sheep: 1

Winburg, Winburg Dierekliniek

Beef: 1

Sucking lice (blue lice)

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

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

Goat										2.0 (1)
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Free State

Vrede, Saulshoek Dierepraktyk

Goat: 2

Scab 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)

1.0 (1)

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

Sheep										1.0 (1)	1.0 (1)
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Free State

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 1

Eastern Cape

Aliwal North, Uitspan C Troskie

Sheep: 1

Mange Mites

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

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										1.8 (4)
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Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 2

Reitz, Riemland Dierekliniek

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 1

Winburg, Winburg Dierekliniek

Beef: 2

Nuisance Flies

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

2.1 (7)

2.3 (3)

2.7 (19)

2.5 (11)

3.0 (1)

2.6 (7)

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

reported						
Beef	2.0 (3)		3.0 (2)	2.7 (9)	2.6 (5)	3.0 (1) 2.7 (3)
Dairy	2.0 (1)			3.0 (4)	2.5 (2)	2.0 (2)
Sheep	2.0 (2)		1.0 (1)	2.6 (5)	2.5 (2)	3.0 (1)
Goat	3.0 (1)			3.0 (1)	2.5 (2)	3.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniëk

Beef: 1, Sheep: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Severe irritation in the warm summer months

Dairy: 2, Sheep: 3, Goat: 3

Volkstrust, Volkstrust Dierehospitaal

Beef: 2

North West

Schweizer-Reneke, NJ Heyns

Beef: 3

Ventersdorp, Buffelsvlei Dierekliniëk

Beef: 3, Sheep: 1

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 2

Clocolan, Clocolan Dierekliniëk

Dairy: 3

Ficksburg, Ficksburg Dierekliniëk

Beef: 3, Sheep: 3, Goat: 3

Hoopstad, Hoopstad Dierekliniëk

Beef: 3, Dairy: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 3, Dairy: 3

Memel, Memel Veterinary Clinic

Beef: 3

Reitz, Riemland Dierekliniëk

Beef: 3, Dairy: 3, Sheep: 3

Villiers, Wilgepoort Dierekliniëk Vennootskap

Beef: 2, Sheep: 2

Vrede, Saulshoek Dierepraktik

Beef: 3, Sheep: 2

Winburg, Winburg Dierekliniëk

Beef: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2, Goat: 2

Dundee, Endumeni Herd health

Beef: 3

Dundee, Mpati Veterinary Clinic

Beef: 3

Severe fly worry leading to ophthalmia.

Sheep: 3, Goat: 3

Estcourt, Estcourt Vet Clinic

Beef: 2, Dairy: 3

Underberg, Underberg Veterinary Surgery

Dairy: 2

Vryheid, Dr GH Theron
Beef: 3
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 3
Western Cape
Darling, Darling Dierekliniek
Beef: 3
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 2
Oudtshoorn, Ostrimed
Beef: 3, Sheep: 3, Goat: 3
Stellenbosch, Stellenbosch Animal Hospital
Beef: 2, Dairy: 2

Blowflies										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.2 (6)	1.0 (1)	1.0 (3)	2.2 (5)	2.2 (6)		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)	1.0 (1)	2.0 (2)	2.3 (3)				
Sheep	2.0 (3)		1.0 (1)	3.0 (1)	2.0 (3)		2.0 (1)	2.0 (1)	
Goat	3.0 (1)		1.0 (1)	2.0 (2)					

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1, Sheep: 1
Ermelo, Môregloed Veterinêre Spreekkamer
Sheep: 2
Volksrust, Volksrust Dierehospitaal
Beef: 3, Sheep: 3, Goat: 3
Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 1
Limpopo
Mokopane, Dr Henk Visser
Beef: 1, Sheep: 1, Goat: 1
North West
Brits, Brits Dierekliniek
Beef: 3, Sheep: 3, Goat: 3
Swartruggens, Swartruggens Veterinary Clinic
Beef: 1, Goat: 1
Free State
Clocolan, Clocolan Dierekliniek
Beef: 2
Dewetsdorp, Platkop Dierekliniek
Sheep: 1
Hoopstad, Hoopstad Dierekliniek
Beef: 2, Sheep: 3
Reitz, Riemland Dierekliniek
Sheep: 2

Winburg, Winburg Dierekliniek									
Beef: 3									
Eastern Cape									
Aliwal North, Uitspan C Troskie									
Sheep: 2									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Sheep: 2									
Screw-worm									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)	2.0 (1)	1.5 (4)	1.0 (1)	2.5 (2)	2.0 (2)	3.0 (2)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.0 (2)	2.0 (1)	2.0 (2)	1.0 (1)	3.0 (1)	2.0 (1)	3.0 (1)		
Dairy							3.0 (1)		
Sheep			1.0 (1)		2.0 (1)				
Goat			1.0 (1)			2.0 (1)			
Mpumalanga									
Lydenburg, Lydenburg Dieresprekkamer									
Beef: 1									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3									
Secondary to tick bites									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 1, Sheep: 1, Goat: 1									
Vaalwater, Vaalwater Dieresprekkamer									
Beef: 3									
Severe brown ear-tick infestation with screw-worm infestations									
North West									
Swartruggens, Swartruggens Veterinary Clinic									
Beef: 1									
Free State									
Reitz, Riemland Dierekliniek									
Sheep: 2									
Winburg, Winburg Dierekliniek									
Beef: 3									
Kwazulu-Natal									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2, Goat: 2									
Eastern Cape									
Alexandria, Dr Thys (MJ) Potgieter									
Dairy: 3									
Infestation in tick wounds.									
Port Alfred, Port Alfred Veterinary Clinic									
Beef: 3									

Nasal bot larvae ^

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)			2.3 (6)	2.0 (1)			
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep	2.0 (1)	2.0 (1)			2.3 (6)	2.0 (1)			
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Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 2

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 2

Free State

Clocolan, Clocolan Dierekliniek

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Parys, Parys Dierehospitaal

Sheep: 2

Reitz, Riemland Dierekliniek

Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Winburg, Winburg Dierekliniek

Sheep: 2

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Sheep: 2

Midges ^

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)	1.9 (13)	2.5 (4)		2.3 (7)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (2)			2.0 (1)	1.7 (7)	3.0 (1)		2.7 (3)	
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Dairy					2.0 (1)			2.0 (1)	
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Sheep					2.2 (5)	2.0 (2)		2.0 (2)	
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Goat						3.0 (1)		2.0 (1)	
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Mpumalanga

Lydenburg, Lydenburg Dieresprekkamer

Beef: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 3

North West

Christiana, Christiana Dierehospitaal
Beef: 2
Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 1
Bultfontein, Greylingrust Dierspreekkamer
Beef: 2, Sheep: 2
Clocolan, Clocolan Dierekliniek
Beef: 2, Dairy: 2, Sheep: 2
Memel, Memel Veterinary Clinic
Beef: 3, Sheep: 3
Reitz, Riemland Dierekliniek
Sheep: 2
Vrede, Saulshoek Dierpraktijk
Beef: 2, Sheep: 2
Vrede, Vrede Dierehospitaal
Beef: 1
Wesselsbron, Wesselsbron Dierekliniek
Beef: 1
Kwazulu-Natal
Dundee, Mpati Veterinary Clinic
Beef: 3, Sheep: 3, Goat: 3
Kokstad, E.G. Veterinary Services
Sheep: 1
Western Cape
Darling, Darling Dierekliniek
Beef: 3
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 2, Sheep: 2
Malmesbury, Malmesbury Dierehospitaal
Beef: 3
Oudtshoorn, Ostrimed
Beef: 2
Dry but moisture seeking midges more of a problem now. Lot of biting flies. Bad outbreak of lumpy skin – which our farmers do not know (for the past 3 months now). Suspect bluetongue as well.
Sheep: 2, Goat: 2

Mosquitoes										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average					2.0 (1)				
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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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Free State
Winburg, Winburg Dierekliniek
Beef: 2

Tick-borne Diseases

African red water	^
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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 (1)	2.5 (2)		2.0 (5)	1.9 (16)	1.8 (4)	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	2.0 (2)	2.0 (1)	2.5 (2)		2.0 (4)	2.0 (13)	1.7 (3)	2.3 (3)	
Dairy					2.0 (1)	1.7 (3)	2.0 (1)	3.0 (1)	

Mpumalanga									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 2									
Grootvlei, Grootvlei Direkliniek									
Beef: 2									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2									
Limpopo									
Machado, Blouberg Direkliniek									
Beef: 3									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 2									
Free State									
Frankfort, Frankfort Direkliniek									
Beef: 2									
Parys, Parys Dierehospitaal									
Beef: 2, Dairy: 2									
Viljoenskroon, Viljoenskroon Direkliniek									
Beef: 2									
Villiers, Wilgepoort Direkliniek Vennootskap									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Some farmers blocked their animals against red water									
Bergville, Tugela Vet Clinic									
Beef: 1									
Seen in many calves less than 3 weeks of age - mostly in heifers calving									
Camperdown, Camperdown Vet Clinic									
Beef: 1									
Dundee, Endumeni Herd health									
Beef: 2									
Outbreaks in cattle introduced into the area									
Dundee, Mpati Veterinary Clinic									
Beef: 2									
Farmer report: Redwater in cattle bought from the Free State early summer - recently. Farmer has blocked twice now with Imidocarb.									
Estcourt, Estcourt Vet Clinic									
Beef: 2, Dairy: 1									
Howick, Howick Veterinary Clinic									
Beef: 3									
Ingogo, Gen XY Stud Beef Consultancy									
Beef: 2									

Kokstad, E.G.Veterinary Services									
Beef: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2, Dairy: 2									
Newcastle, Ncanduvet Newcastle									
Beef: 3									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									
Pongola, Pongola Animal Clinic									
Beef: 2									
Pockets of outbreaks									
Underberg, Underberg Veterinary Surgery									
Dairy: 2									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Farmers also reported these diseases									
Humansdorp, Humansdorp Veterinary Clinic									
Beef: 2									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 2									
Uitenhage, Uitenhage Dierehospitaal									
Beef: 1									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Beef: 2									
George, George Animal Hospital									
Beef: 3									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 3									
Wellington, Wellington Dierehospitaal									
Beef: 2									
Asiatic red water									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.9 (7)	2.0 (2)	1.5 (2)	3.0 (1)	1.7 (3)	2.1 (11)	2.3 (3)	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	2.8 (6)	2.0 (2)	1.5 (2)	3.0 (1)	1.7 (3)	2.1 (9)	2.0 (1)	2.0 (1)	
Dairy	3.0 (1)					2.0 (2)	2.5 (2)	3.0 (1)	
Mpumalanga									
Lydenburg, Lydenburg Dieresprekkamer									
Beef: 3									
Middelburg , Middelburg Dierehospitaal									
Beef: 3									
This disease causes huge number of mortalities in animals without immunity.									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3									
Follows relaxation in dipping programme									
Piet Retief, Pets Vet Hospital									

Beef: 3, Dairy: 3
Standerton, Standerton Dierehospitaal
Beef: 3
Acute deaths
Volksrust, Volksrust Dierehospitaal
Beef: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 2
Limpopo
Machado, Blouberg Dierekliniek
Beef: 2
Polokwane, Pietersburg Veterinary Clinic
Beef: 1
North West
Brits, Brits Dierekliniek
Beef: 3
Free State
Frankfort, Frankfort Dierekliniek
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 1
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Few farmers blocked their herd against red water
Bergville, Tugela Vet Clinic
Beef: 2
In many calves less than 3 weeks of age - mostly in heifers calving
Dundee, Endumeni Herd health
Beef: 3
Outbreaks in cattle introduced into the area
Estcourt, Estcourt Vet Clinic
Beef: 1
Kokstad, E.G. Veterinary Services
Beef: 1
Mooi River, Mooirivier Vet Clinic
Beef: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Dairy: 2
Pietermaritzburg, Richmond Veterinary Clinic
Beef: 2
Underberg, Underberg Veterinary Surgery
Dairy: 2
Vryheid, Dr GH Theron
Beef: 3
Eastern Cape
Alexandria, Dr Thys (MJ) Potgieter
Dairy: 3
Farmers blocked the herd.

Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 2
Port Alfred, Port Alfred Veterinary Clinic
Beef: 2
Western Cape
George, George Animal Hospital
Beef: 2
Riversdale, Riversdal Dierekliniek
Dairy: 3

Anaplasmosis									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (7)	1.0 (1)		2.0 (2)	1.8 (15)	1.8 (5)	3.0 (1)	2.4 (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	2.2 (6)	1.0 (1)		2.0 (2)	1.7 (13)	1.7 (3)		2.5 (6)	
Dairy	3.0 (1)				2.5 (2)	2.0 (2)	3.0 (1)	2.3 (4)	

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Ermelo, Moregloed Veterinere Spreekkamer									
Beef: 2									
Grootvlei, Grootvlei Dierekliniek									
Beef: 2									
Piet Retief, Pets Vet Hospital									
Beef: 3, Dairy: 3									
Standerton, Standerton Dierehospitaal									
Beef: 3									
Volksrust, Volksrust Dierehospitaal									
Beef: 2									
Gauteng									
Pretoria, Anima Veterinary Consulting Rooms									
Beef: 1									
North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 2									
Swartruggens, Swartruggens Veterinary Clinic									
Beef: 2									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 1									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 2									
Clocolan, Clocolan Dierekliniek									
Beef: 2									
Ficksburg, Ficksburg Dierekliniek									
Beef: 1									
Hoopstad, Hoopstad Dierekliniek									

Beef: 3									
Kroonstad, Kroonstad Dierehospitaal									
Dairy: 3									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 1									
Parys, Parys Dierehospitaal									
Beef: 2, Dairy: 2									
Reitz, Riemland Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Vrede, Vrede Dierehospitaal									
Beef: 1									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 1									
Winburg, Winburg Dierekliniek									
Beef: 2									
Zastron, Zastron Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Dairy: 2									
Ingogo, Gen XY Stud Beef Consultancy									
Beef: 2									
Kokstad, E.G.Veterinary Services									
Beef: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Underberg, Underberg Veterinary Surgery									
Dairy: 2									
Eastern Cape									
Alexandria, Dr Thys (MJ) Potgieter									
Dairy: 3									
Western Cape									
Darling, Darling Dierekliniek									
Beef: 3									
George, George Animal Hospital									
Beef: 3									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 3									
Malmesbury, Bergzicht Dierehospitaal									
Beef: 1, Dairy: 2									
Malmesbury, Dr Otto Kriek									
Beef: 3									
Malmesbury, Malmesbury Dierehospitaal									
Beef: 3									
Riversdale, Riversdal Dierekliniek									
Dairy: 3									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 2, Dairy: 1									
Heartwater									
^									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern

				West	State	Natal	Cape	Cape	Cape
Average	2.0 (1)	1.8 (4)	2.0 (8)	2.5 (2)		1.9 (14)	2.7 (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		1.5 (2)	2.0 (3)	2.5 (2)		1.9 (7)	2.5 (4)		
Dairy						2.0 (1)	3.0 (1)		
Sheep	2.0 (1)	2.0 (2)	2.0 (2)			2.0 (2)	2.7 (3)		
Goat			2.0 (3)			2.0 (4)	3.0 (2)		

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Sheep: 2

Poor reaction on treatment – recommend endemic stable situation with use of the blood vaccine

Gauteng

Bronkhorstspuit, Kerkstraat Dierkliniek

Beef: 1, Sheep: 1

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 3

Pretoria, Idexx Lab. OP

Beef: 2

Limpopo

Machado, Blouberg Dierkliniek

Beef: 3, Sheep: 3, Goat: 3

Mokopane, Dr Henk Visser

Beef: 1, Sheep: 1, Goat: 1

Polokwane, Pietersburg Veterinary Clinic

Beef: 2, Goat: 2

North West

Brits, Brits Dierkliniek

Beef: 3

Large numbers of ticks this time of year

Swartruggens, Swartruggens Veterinary Clinic

Beef: 2

Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 2, Sheep: 2

Dundee, Mpati Veterinary Clinic

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 2, Dairy: 2, Goat: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Sheep: 2, Goat: 2

Pietermaritzburg, Richmond Veterinay Clinic

Beef: 1

Pongola, Pongola Animal Clinic

Beef: 1, Goat: 1

Vryheid, Dr GH Theron

Beef: 3, Goat: 3

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2

Farmers also reported these diseases

Alexandria, Dr Thys (MJ) Potgieter

Beef: 3, Dairy: 3, Sheep: 3

Farmers treat their animals every 14 days.

Goat: 3

Port Alfred, Port Alfred Veterinary Clinic

Beef: 3, Sheep: 3, Goat: 3

Uitenhage, Uitenhage Dierehospitaal

Beef: 2, Sheep: 2

Sweating Sickness

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		3.0 (1)	1.0 (1)	2.0 (2)	2.0 (6)	1.0 (2)			

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

Beef		3.0 (1)	1.0 (1)	2.0 (2)	2.0 (6)	1.0 (2)			
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Gauteng**Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 3

Limpopo**Mokopane, Dr Henk Visser**

Beef: 1

North West**Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 3

Rustenburg, Protea Dierekliniek

Beef: 1

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

Beef: 2

Kroonstad, Kroonstad Dierehospitaal

Beef: 3

Parys, Parys Dierehospitaal

Beef: 1

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Winburg, Winburg Dierekliniek

Beef: 1

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

Beef: 1

Pongola, Pongola Animal Clinic

Beef: 1

Insect Transmittable Diseases**Lumpy skin disease**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern
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				West	State	Natal	Cape	Cape	Cape
Average	2.0 (2)	1.0 (1)	2.0 (2)	3.0 (1)	2.0 (5)	1.6 (8)	3.0 (1)	2.0 (8)	2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.0 (2)	1.0 (1)	2.0 (2)	3.0 (1)	2.0 (5)	1.6 (7)		2.0 (5)	2.0 (1)
Dairy						2.0 (1)	3.0 (1)	2.0 (3)	

Mpumalanga

Bethal, Bethal Dierekliniek

Beef: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Common disease this time of the year seen in unvaccinated animals

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

Limpopo

Machado, Blouberg Dierekliniek

Beef: 3

More than 50 cases

Mokopane, Dr Henk Visser

Beef: 1

North West

Stella, Stella Dierekliniek

Beef: 3

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2

Frankfort, Frankfort Dierekliniek

Beef: 2

Harrismith, Harrismith Dierehospitaal

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 2

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 2

Kokstad, E.G.Veterinary Services

Beef: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

Newcastle, Ncanduvet Newcastle

Beef: 1

Pongola, Pongola Animal Clinic

Beef: 1

Underberg, Underberg Veterinary Surgery

Dairy: 2

Vryheid, Dr GH Theron

Beef: 3									
Eastern Cape									
Alexandria, Dr Thys (MJ) Potgieter									
Dairy: 3									
Huge outbreak of lumpy skin disease: 8 out of 28 animals died.									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Beef: 2									
Darling, Darling Dierekliniek									
Beef: 2									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Malmesbury, Invitrotech									
Beef: 2									
Malmesbury - 3 out of 7000 cattle had LSD. Animals were vaccinated with a LSD vaccine.									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 1									
Oudtshoorn, Ostrimed									
Beef: 2									
Dry, but moisture seeking midges more of a problem now. Numerous biting flies seen. Bad outbreak of lumpy skin – which our farmers do not know (for the past 3 months now). Suspect bluetongue as well.									
Riversdale, Riversdal Dierekliniek									
Dairy: 3									
Outbreak on 2 farms									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 2									
Northern Cape									
Kimberley, Kimberley Dierekliniek									
Beef: 2									
Three-day-stiffsickness									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (2)	1.0 (1)	1.0 (1)	3.0 (1)	1.8 (8)	1.8 (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	3.0 (2)	1.0 (1)	1.0 (1)	3.0 (1)	2.0 (5)	1.8 (5)	2.0 (1)	3.0 (1)	
Dairy					1.3 (3)	2.0 (1)		2.0 (1)	
Mpumalanga									
Lydenburg, Lydenburg Dierespreekkamer									
Beef: 3									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3									
Common in the rainy season									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 1									
Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 1									
North West									

Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 3									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 2									
Three cases of three day stiffness in beefherd in Bloemfontein area adjacent to Modder river									
Clocolan, Clocolan Dierekliniek									
Dairy: 1									
Frankfort, Frankfort Dierekliniek									
Beef: 1									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Dairy: 1									
Reitz, Riemland Dierekliniek									
Beef: 3, Dairy: 2									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Beef: 2, Dairy: 2									
Howick, Howick Veterinary Clinic									
Beef: 2									
Kokstad, E.G.Veterinary Services									
Beef: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Pongola, Pongola Animal Clinic									
Beef: 1									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Vredenburg, Vredenburg Dierehospitaal									
Beef: 3									
Ten out of 300 animals affected. Two animals died being unable to rise.									
Blue tongue									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.5 (2)	1.8 (5)	2.0 (2)	2.0 (3)	2.2 (9)	
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				1.5 (2)	1.8 (5)	2.0 (2)	1.5 (2)	2.2 (9)	
North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Sheep: 2									
Farmers reported cases									

Ventersdorp, Buffelsvlei Dierekliniek
Sheep: 1
Free State
Bethlehem, Bethlehem Animal Hospital
Sheep: 1
Dewetsdorp, Platkop Dierekliniek
Sheep: 2
Ficksburg, Ficksburg Dierekliniek
Sheep: 2
Reitz, Riemland Dierekliniek
Sheep: 2
Winburg, Winburg Dierekliniek
Sheep: 2
Kwazulu-Natal
Howick, Howick Veterinary Clinic
Sheep: 3
Newcastle, Ncanduvet Newcastle
Sheep: 1
Eastern Cape
Aliwal North, Uitspan C Troskie
Sheep: 1
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 2
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 3
Western Cape
George, George Animal Hospital
Sheep: 3
Outbreak in Langkloof/Oudtshoorn area - no vaccine available
Heidelberg (WC), Heidelberg Dierekliniek
Sheep: 3
Malmesbury, Bergzicht Dierehospitaal
Sheep: 3
Seen on a few farms in our area, clinical signs consistent with Blue Tongue Virus (pulmonary oedema pronounce). Seen mostly in young immunologically naïve animals. Awaiting laboratory confirmation.
Malmesbury, Dr Otto Kriek
Sheep: 1
Oudtshoorn, Ostrimed
Sheep: 1
Dry, but moisture seeking midges more of a problem now. Numerous biting flies. Bad outbreak of lumpy skin – which our farmers do not know (for the past 3 months now). Suspect bluetongue as well.
Riversdale, Riversdal Dierekliniek
Sheep: 3
Stellenbosch, Provincial Veterinary Laboratory
Sheep: 2
In unvaccinated lambs of 2014 due to unavailability of vaccine
Stellenbosch, Stellenbosch Animal Hospital
Sheep: 1
Wellington, Wellington Dierehospitaal
Sheep: 3
This is already a huge problem and is going to peak in March and April. I hope OBP realizes the economic losses farmers are having.

Venereal Diseases

Trichomonosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)		2.0 (1)		2.3 (10)	1.5 (2)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (2)		2.0 (1)		2.3 (10)	1.5 (2)			
Mpumalanga									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 1									
Piet Retief, Pets Vet Hospital									
Beef: 1									
Limpopo									
Machado, Blouberg Dierekliniek									
Beef: 2									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 2									
Two new cases on new farm in Dewetsdorp area									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 2									
Two farms: 10 out of 19 and 2 out of 29 infected									
Clocolan, Clocolan Dierekliniek									
Beef: 2									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3									
Kroonstad, Kroonstad Dierehospitaal									
Beef: 3									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 2									
Reitz, Riemland Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 3									
Vrede, Vrede Dierehospitaal									
Beef: 1									
Winburg, Winburg Dierekliniek									
Beef: 3									
Kwazulu-Natal									
Dundee, Mpati Veterinary Clinic									
Beef: 1									
Negative bulls put in to mate with isolated cows and heifers that did not conceive from last season. 2 bulls tested after taken out from the cows – 1 positive and both going for slaughter									
Estcourt, Estcourt Vet Clinic									
Beef: 2									
Vibriosis									

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

Bloemfontein, Dr Stephan Wessels

Beef: 2

Ladybrand, Ladybrand / Excelsior Dierekliniëk

Beef: 1

Winburg, Winburg Dierekliniëk

Beef: 2

Bacterial Disease (other)

Blackquarter

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	2.0 (2)	1.0 (1)	1.0 (1)	1.0 (1)	1.8 (11)	1.3 (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	2.0 (2)	1.0 (1)	1.0 (1)	1.0 (1)	1.9 (10)	1.2 (5)			
Dairy					1.0 (1)				
Sheep						2.0 (1)			

Mpumalanga

Grootvlei, Grootvlei Dierekliniëk

Beef: 2

Piet Retief, Pets Vet Hospital

Beef: 2

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniëk

Beef: 1

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 1

North West

Ventersdorp, Buffelsvlei Dierekliniëk

Beef: 1

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 3

Outbreaks on 4 farms (4 to 5 mortalities per farm). *Clostridium sordelli* and *C. septicum*.

Bloemfontein, Dr Stephan Wessels

Beef: 2

Deaths in calves reported by farmers

Clocolan, Clocolan Dierekliniek									
Beef: 3									
Harrismith, Harrismith Dierehospitaal									
Beef: 1									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 2									
Reitz, Riemland Dierekliniek									
Beef: 2, Dairy: 1									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 1									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Vrede, Vrede Dierehospitaal									
Beef: 1									
Zastron, Zastron Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Beef: 1									
Estcourt, Estcourt Vet Clinic									
Beef: 2									
Kokstad, E.G.Veterinary Services									
Beef: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									
Pongola, Pongola Animal Clinic									
Beef: 1									
Underberg, Underberg Veterinary Surgery									
Sheep: 2									
Pulpy Kidney									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)			1.0 (1)	2.1 (7)	1.8 (4)		2.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					3.0 (1)				
Sheep	1.5 (2)			1.0 (1)	2.0 (6)	2.0 (3)		2.0 (2)	
Goat						1.0 (1)			
Mpumalanga									
Ermelo, Môregloed Veterinêre Spreekkamer									
Sheep: 2									
Volksrust, Volksrust Dierehospitaal									
Sheep: 1									
North West									
Christiana, Christiana Dierehospitaal									
Sheep: 1									
Free State									
Bethlehem, Bethlehem Animal Hospital									
Beef: 3									
Bothaville, Cape Cross Bothaville Veterinary Hospital									

Sheep: 1									
Clocolan, Clocolan Dierekliniek									
Sheep: 3									
Harrismith, Harrismith Dierehospitaal									
Sheep: 1									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 3									
Reitz, Riemland Dierekliniek									
Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Kwazulu-Natal									
Howick, Howick Veterinary Clinic									
Sheep: 2									
Kokstad, E.G.Veterinary Services									
Sheep: 1									
Newcastle, Ncanduvet Newcastle									
Goat: 1									
Underberg, Underberg Veterinary Surgery									
Sheep: 3									
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Sheep: 1									
Riversdale, Riversdal Dierekliniek									
Sheep: 3									
Swelled head disease									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)	2.0 (2)			1.8 (4)	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)	3.0 (1)			2.0 (1)				
Sheep	1.0 (1)	1.0 (1)			1.7 (3)	1.0 (1)		1.0 (1)	
Mpumalanga									
Volksrust, Volksrust Dierehospitaal									
Beef: 1, Sheep: 1									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 1									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 3									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 2									
Reitz, Riemland Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 1									
Zastron, Zastron Dierekliniek									
Sheep: 2									

Kwazulu-Natal									
Kokstad, E.G.Veterinary Services									
Sheep: 1									
Western Cape									
Beaufort West, Beaufort West State Vet									
Sheep: 1									
One Dorper ram									
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)	1.8 (6)	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	1.5 (2)				1.7 (3)	1.8 (5)			2.0 (1)
Dairy					2.0 (1)	2.0 (1)	2.0 (1)	1.0 (1)	
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Grootvlei, Grootvlei Dierekliniek									
Beef: 2									
Free State									
Bethlehem, Bethlehem Animal Hospital									
Beef: 2									
Clocolan, Clocolan Dierekliniek									
Dairy: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 1									
Vrede, Saulshoek Dierpraktyk									
Beef: 2									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 2									
Dundee, Mpati Veterinary Clinic									
Beef: 1									
Kokstad, E.G.Veterinary Services									
Beef: 2									
Newcastle, Ncanduvet Newcastle									
Beef: 1									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									
Underberg, Underberg Veterinary Surgery									
Dairy: 2									
Eastern Cape									
Alexandria, Dr Thys (MJ) Potgieter									
Dairy: 2									
Sometimes secondary infection in downer cows.									
Western Cape									
Malmesbury, Bergzicht Dierehospitaal									
Dairy: 1									
Northern Cape									

Kathu, Kathu Dierekliniek									
Beef: 2									
Blood gut (Sheep)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)				1.8 (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									
Sheep	2.0 (1)				1.8 (4)	2.0 (1)			
Mpumalanga									
Ermelo, Mōregloed Veterinêre Spreekkamer									
Sheep: 2									
Free State									
Bethlehem, Bethlehem Animal Hospital									
Sheep: 2									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Sheep: 1									
Harrismith, Harrismith Dierehospitaal									
Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Kwazulu-Natal									
Mooi River, Mooirivier Vet Clinic									
Sheep: 2									
Tetanus									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.7 (3)		2.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.0 (1)				
Dairy							2.0 (1)		
Sheep					2.0 (2)				
Free State									
Harrismith, Harrismith Dierehospitaal									
Beef: 1									
A few weaner calves in Qwaqwa. Owners still use elastrator rubber rings for castration									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 3									
Reitz, Riemland Dierekliniek									
Sheep: 1									
Eastern Cape									
Alexandria, Dr Thys (MJ) Potgieter									
Dairy: 2									
Five calves died after castration with elastrator rings.									

Botulism ^

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 (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	1.0 (1)			2.0 (1)					
Dairy					2.0 (1)				
Sheep				2.0 (1)					

Mpumalanga
Middelburg , Middelburg Dierehospitaal
Beef: 1
North West
Brits, Brits Dierekliniek
Beef: 2
Same farm where large number of sheep died last month, cows also died of botulism
Sheep: 2
Same farm where large number of sheep died last month, cows also died of botulism
Free State
Bloemfontein, Dr Stephan Wessels
Dairy: 2
Eight Friesland cows died, on full fodder system after new lucerne bales were used.

Salmonellosis ^

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

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

Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 2
North West
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3
Calves
Free State
Clocolan, Clocolan Dierekliniek
Beef: 3
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Dairy: 2
Newcastle, Ncanduvet Newcastle
Beef: 3
Western Cape

Malmesbury, Malmesbury Dierehospitaal

Dairy: 2

Brucella abortus ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)		2.0 (2)	2.7 (3)	2.4 (7)				

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

Beef	1.0 (1)		2.0 (2)	2.7 (3)	2.4 (7)				
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Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Limpopo

Machado, Blouberg Dierekliniek

Beef: 3

16 positives

Mokopane, Dr Henk Visser

Beef: 1

North West

Brits, Brits Dierekliniek

Beef: 3

Schweizer-Reneke, NJ Heyns

Beef: 2

One farm where 2 old cattle tested positive

Stella, Stella Dierekliniek

Beef: 3

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 2

Six new positive cases in *Brucella* positive herd on follow up testing

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 2

3/29 bulle positief

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Reitz, Riemland Dierekliniek

Beef: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

One herd severely infected

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 3

Winburg, Winburg Dierekliniek

Beef: 2

Brucella ovis ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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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)
Eastern Cape										
Graaff-Reinet, Graaff Reinet Veterinary Clinic										
Sheep: 2										
Johne`s disease										^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	
Average								1.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported										
Sheep								1.0 (1)		
Western Cape										
Heidelberg (WC), Heidelberg Dierekliniek										
Sheep: 1										
Enzootic Abortion										^
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										
Goat								1.0 (1)		
Western Cape										
Beaufort West, Beaufort West State Vet										
Goat: 1										
Young Angoras with enteric form of chlamydiosis.										
E.coli										^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	
Average	1.5 (2)	1.0 (1)		2.0 (2)	2.3 (3)	2.3 (3)	2.0 (1)	2.0 (2)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported										
Beef	1.5 (2)			1.0 (1)	2.5 (2)	2.3 (3)		1.0 (1)		
Dairy							2.0 (1)	3.0 (1)		
Sheep		1.0 (1)		3.0 (1)	2.0 (1)					
Mpumalanga										
Balfour, Balfour Dierekliniek										

Beef: 1									
Grootvlei, Grootvlei Dierekliniek									
Beef: 2									
Gauteng									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 1									
North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Sheep: 3									
Many lambs younger than a week died.									
Swartruggens, Swartruggens Veterinary Clinic									
Beef: 1									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3									
Reitz, Riemland Dierekliniek									
Sheep: 2									
Vrede, Saulshoek Dierepraktyk									
Beef: 2									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 2									
Dundee, Mpati Veterinary Clinic									
Beef: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 3									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 1									
Dermatophilosis (Lumpy Wool)									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.5 (2)				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep					1.5 (2)				
Free State									
Harrismith, Harrismith Dierehospitaal									
Sheep: 1									
A few light cases of lumpy wool in lambs									
Reitz, Riemland Dierekliniek									
Sheep: 2									
Bovine Dermatophilosis (Senkobo disease)									

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

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

Protozoal diseases (other)

Besnoitiosis

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

Gauteng

Bronkhorstspuit, Kerkstraat Dierkliniek

Beef: 1

Pretoria, Idexx Lab. OP

Beef: 1

Coccidiosis

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (2)	3.0 (5)	2.0 (1)	2.0 (4)	2.0 (6)	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		2.0 (1)	3.0 (1)	2.0 (1)		1.5 (2)			
Dairy						2.5 (2)	3.0 (1)	1.5 (2)	
Sheep		2.0 (1)	3.0 (2)		2.0 (3)	2.0 (1)			
Goat			3.0 (2)		2.0 (1)	2.0 (1)			

Gauteng

Bronkhorstspuit, Kerkstraat Dierkliniek

Beef: 2

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Limpopo

Machado, Blouberg Dierkliniek

Beef: 3, Sheep: 3, Goat: 3									
Polokwane, Pietersburg Veterinary Clinic									
Sheep: 3, Goat: 3									
North West									
Ventersdorp, Buffelsvlei Dierekliniek									
Beef: 2									
Free State									
Bloemfontein, Dr Stephan Wessels									
Sheep: 2									
Clocolan, Clocolan Dierekliniek									
Goat: 2									
Reitz, Riemland Dierekliniek									
Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Dairy: 3									
Calves									
Estcourt, Estcourt Vet Clinic									
Beef: 2									
Mooi River, Mooirivier Vet Clinic									
Sheep: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1, Goat: 2									
Underberg, Underberg Veterinary Surgery									
Dairy: 2									
Eastern Cape									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 3									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 1									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 2									
Fungal diseases									
Ringworm									
PROVINCE									
Mpumalanga									
Gauteng									
Limpopo									
North West									
Free State									
Kwazulu-Natal									
Eastern Cape									
Western Cape									
Northern Cape									
Average									
1.0 (2)									
2.0 (1)									
2.0 (1)									
1.8 (8)									
2.0 (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									
1.0 (2)									
2.0 (1)									
1.8 (8)									
1.8 (5)									
1.0 (1)									
Dairy									
3.0 (1)									
Sheep									
2.0 (1)									
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Grootvlei, Grootvlei Dierekliniek									

Beef: 1
Gauteng
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 2
North West
Christiana, Christiana Dierehospitaal
Beef: 2
Free State
Bultfontein, Greylingrust Dieresprekkamer
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 1
Reitz, Riemland Dierekliniek
Beef: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 1
Vrede, Saulshoek Dierepark
Beef: 1
Winburg, Winburg Dierekliniek
Beef: 2
Zastron, Zastron Dierekliniek
Beef: 3
Kwazulu-Natal
Howick, Howick Veterinary Clinic
Dairy: 3
Ingogo, Gen XY Stud Beef Consultancy
Beef: 1
Kokstad, E.G. Veterinary Services
Beef: 1
Mooi River, Mooirivier Vet Clinic
Beef: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Pietermaritzburg, Richmond Veterinary Clinic
Beef: 3
Feedlot
Western Cape
Stellenbosch, Stellenbosch Animal Hospital
Beef: 1

Viral Diseases (other)

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

Limpopo									
Machado, Blouberg Dierekliniek									
Beef: 1									
Free State									
Winburg, Winburg Dierekliniek									
Beef: 2									
Rabies									^
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 (3)	2.0 (1)				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		1.0 (1)	1.0 (1)	1.0 (2)	2.0 (1)				
Goat				1.0 (1)					
Gauteng									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 1									
Rabies in a Bonsmara bull in the Vaalwater area. Case confirmed on samples sent in at the OVI. State veterinarian immunized animals on the farm. Bull spat on farmer like a camel. At own cost farmer was treated with immunoglobulin and was also vaccinated.									
Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 1									
North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 1									
Suspected case, no human contact									
Goat: 1									
Boergoat, suspected case.									
Rustenburg, Protea Dierekliniek									
Beef: 1									
Rabies in a dog									
Free State									
Winburg, Winburg Dierekliniek									
Beef: 2									
BVD (Bovine viral diarrhoea)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								1.5 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Dairy								1.5 (2)	
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 2									
Stellenbosch, Stellenbosch Animal Hospital									

Dairy: 1

One day old calf born with arthrogryposis. Serum positive for BVD antibodies.

IBR (Infectious bovine rhinotracheitis)

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

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

Beef 2.0 (1) 1.8 (4)

Dairy 2.0 (1)

Free State

Memel, Memel Veterinary Clinic

Beef: 2

Kwazulu-Natal

Dundee, Mpati Veterinary Clinic

Beef: 1

Estcourt, Estcourt Vet Clinic

Beef: 2, Dairy: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

Pietermaritzburg, Richmond Veterinary Clinic

Beef: 3

Enzootic Bovine Leucosis (EBL)

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

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

Beef 1.0 (1)

Dairy 2.0 (1) 3.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Kwazulu-Natal

Underberg, Underberg Veterinary Surgery

Dairy: 2

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Dairy: 3

Orf

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)	1.9 (8)	2.0 (5)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep	1.5 (2)	3.0 (1)	2.0 (5)	2.3 (3)
Goat		3.0 (1)	1.7 (3)	1.5 (2)

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 1

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Limpopo

Ellisras, Matoppi Dierekliniek

Sheep: 3, Goat: 3

Free State

Dewetsdorp, Platkop Dierekliniek

Sheep: 1

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2, Goat: 2

Parys, Parys Dierehospitaal

Goat: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Vrede, Saulshoek Dierepraktyk

Goat: 2

Winburg, Winburg Dierekliniek

Sheep: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Goat: 1

Kokstad, E.G.Veterinary Services

Sheep: 1

Mooi River, Mooirivier Vet Clinic

Sheep: 3

Mtubatuba, Mtubatuba Animal Clinic

Goat: 2

Underberg, Underberg Veterinary Surgery

Sheep: 3

Warts

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

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

Beef	1.0 (1)		1.0 (1)	1.0 (1)	2.0 (5)	2.0 (4)		1.0 (1)	
Dairy					2.5 (2)			1.0 (1)	
Goat					1.0 (1)		2.0 (1)		

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Limpopo
Mokopane, Dr Henk Visser
Beef: 1
North West
Christiana, Christiana Dierehospitaal
Beef: 1
Free State
Bultfontein, Greylingrust Dieresprekkamer
Beef: 3
Clocolan, Clocolan Dierekliniek
Dairy: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 2
Kroonstad, Kroonstad Dierehospitaal
Dairy: 3
Parys, Parys Dierehospitaal
Beef: 2, Goat: 1
Reitz, Riemland Dierekliniek
Beef: 2
Wesselsbron, Wesselsbron Dierekliniek
Beef: 1
Kwazulu-Natal
Dundee, Mpati Veterinary Clinic
Beef: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Pietermaritzburg, Richmond Veterinary Clinic
Beef: 3
Pongola, Pongola Animal Clinic
Beef: 1
Eastern Cape
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Goat: 2
Western Cape
Malmesbury, Malmesbury Dierehospitaal
Dairy: 1
Oudtshoorn, Ostrimed
Beef: 1

Poisonings (Plant) and Fungal

Cardiac glycoside poisoning [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								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)	
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Western Cape									
Beaufort West, Beaufort West State Vet									
Sheep: 3									
Drought conditions. Deaths of up to 100 animals on some farms. Tulp and Witstorm mostly to blame.									
Cestrum									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		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)			3.0 (1)		2.0 (1)		
Gauteng									
Bronkhorstspruit, Kerkstraat Dierekliniek									
Beef: 1									
Free State									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 3									
Eastern Cape									
Port Alfred, Port Alfred Veterinary Clinic									
Beef: 2									
Cynanchum poisoning									^
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)		
Sheep								2.0 (1)	
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Western Cape									
Riversdale, Riversdal Dierekliniek									
Sheep: 2									
Facial eczema									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.8 (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					2.0 (2)				
Sheep					1.7 (3)			2.0 (1)	

Free State									
Reitz, Riemland Dierekliniek									
Beef: 2, Sheep: 1									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2, Sheep: 2									
Winburg, Winburg Dierekliniek									
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
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)				
Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Sheep: 2									
Free State									
Dewetsdorp, Platkop Dierekliniek									
Sheep: 1									
Nitrate poisoning									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Dairy								2.0 (1)	
Western Cape									
Riversdale, Riversdal Dierekliniek									
Dairy: 2									
Prussic acid poisoning									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				2.0 (4)	3.0 (1)		3.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)				1.7 (3)				
Dairy						3.0 (1)		3.0 (1)	
Sheep					3.0 (1)			3.0 (1)	

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 1, Sheep: 3									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3									
Reitz, Riemland Dierekliniek									
Beef: 1									
Kwazulu-Natal									
Underberg, Underberg Veterinary Surgery									
Dairy: 3									

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

Dairy								3.0 (1)	
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Western Cape									
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George, George Animal Hospital									
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Dairy: 3

Cattle did not show typical clinical signs. Two adjacent farms. First outbreak in dairy cattle on one farm and then sheep on another farm. Only common factor was ryegrass in seed. Animals only showed paresis/paralysis of the hind limbs. Initially animals were treated for mineral deficiencies and NSAID's (non-steroidal inflammatory drugs). Eventually diagnosis was made. Animals were removed from grazing and grazing slashed. Animals were treated with vitamin B complex and most of the animals recovered.

Sheep: 3

Sheep did not show typical clinical signs. Two adjacent farms. First outbreak in dairy cattle on one farm and then sheep on another farm. Only common factor was ryegrass in seed. Animals only showed paresis/paralysis of the hind limbs. Initially animals were treated for mineral deficiencies and NSAID's (non-steroidal inflammatory drugs). Eventually diagnosis was made. Animals were removed from grazing and grazing slashed. Animals were treated with vitamin B complex and most of the animals recovered.

Riversdale, Riversdal Dierekliniek									
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Dairy: 3

Seneciosis									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average						2.0 (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 (2)			
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Sheep							2.0 (1)		
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Kwazulu-Natal									
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Kokstad, E.G.Veterinary Services									
Beef: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Eastern Cape									
Aliwal North, Uitspan C Troskie									
Sheep: 2									
Merino lambs									

Tulip Poisoning									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (3)				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

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

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Piet Retief, Pets Vet Hospital									
Sheep: 2									
Tulip poisoning in sheep - seldom seen -masses of tulip.									
Standerton, Standerton Dierehospitaal									
Beef: 1									
Free State									
Vrede, Saulshoek Dierepraktyk									
Beef: 1									
Kwazulu-Natal									
Mooi River, Mooirivier Vet Clinic									
Beef: 3									
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 1									

Mycotoxycosis									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)					1.0 (1)		1.0 (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)	
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Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Beef: 2									
Neonatal mortalities: poor calves that die after a few days: liver pathology. Pregnant cows fed mouldy hay during the winter months									

Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 1									
Western Cape									
Plettenberg Bay, Plettenberg Bay A Reitz									
Beef: 1									
One out of 80 cows on ryegrass suspect <i>Pithomyces</i>									
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									
Beef					1.0 (1)				
Free State									
Vrede, Vrede Dierehospitaal									
Beef: 1									
Lead poisoning									
Poisonings									
Urea Poisoning									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (3)				2.0 (3)	3.0 (1)		3.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.3 (3)				1.5 (2)	3.0 (1)			
Sheep					3.0 (1)			3.0 (1)	
Mpumalanga									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 1									
Grootvlei, Grootvlei Dierekliniek									
Beef: 1									
Piet Retief, Pets Vet Hospital									
Beef: 2									
Malicious poisoning - 8 mortalities									
Free State									
Clocolan, Clocolan Dierekliniek									
Sheep: 3									
Frankfort, Frankfort Dierekliniek									
Beef: 1									
Memel, Memel Veterinary Clinic									
Beef: 2									
Kwazulu-Natal									
Mooi River, Mooirivier Vet Clinic									
Beef: 3									

Western Cape									
Darling, Darling Dierekliniek									
Sheep: 3									
Snake Bite									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.1 (8)	1.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.1 (7)	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: 1									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 1, Sheep: 1									
Vrede, Saulshoek Dierepraktyk									
Beef: 1									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 1									
Winburg, Winburg Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									
Hypo									^
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									
Reitz, Riemland Dierekliniek									
Sheep: 2									
Blue-green algae									^
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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Eastern Cape

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 1

Chemical products

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

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

Sheep	1.0 (1)
Goat	2.0 (1)

Free State

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 1

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Goat: 2

Organophosphate poisoning

Other

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

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

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

Mpumalanga

Bethal, Bethal Dierekliniek

Dairy: 1

Suspected ionophor poisoning. Could not confirm

Free State

Harrismith, Harrismith Dierehospitaal

Beef: 1

Lead poisoning: 3 cattle died after old batteries were washed open

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Dairy: 2

Copper poisoning

Macro Nutritional Problems

Energy deficiency

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

North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 2									
Dry conditions									
Swartruggens, Swartruggens Veterinary Clinic									
Beef: 1									
Free State									
Kroonstad, Kroonstad Dierehospitaal									
Dairy: 2									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									

Protein deficiency [^](#)

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

North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 2									
Dry conditions									
Swartruggens, Swartruggens Veterinary Clinic									
Beef: 1									
Free State									
Winburg, Winburg Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Beef: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Northern Cape									
Upington, Upington Veterinary Clinic									
Sheep: 3									
Severe water shortages and drought conditions									

Phosphate 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)								
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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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Mpumalanga									
Standerton, Standerton Dierehospitaal									
Beef: 1									
Malnutrition									

Calcium deficiency ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.7 (3)				1.4 (5)	2.3 (3)			
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.5 (2)				1.0 (2)				
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Dairy					1.7 (3)	2.3 (3)			
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Sheep	2.0 (1)								
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Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 2, Sheep: 2									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1, Dairy: 2									
Kroonstad, Kroonstad Dierehospitaal									
Dairy: 2									
Winburg, Winburg Dierekliniek									
Beef: 1, Dairy: 1									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Dairy: 2									
Estcourt, Estcourt Vet Clinic									
Dairy: 2									
Howick, Howick Veterinary Clinic									
Dairy: 3									

Micro Nutritional Problems

Iodine 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)
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)
Eastern Cape										
Jeffreys Bay, Cape Cross Veterinary Hospital										
Dairy: 1										
Copper 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)							
Limpopo										
Mokopane, Dr Henk Visser										
Beef: 1										
Zinc 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)				
Kwazulu-Natal										
Pietermaritzburg, Richmond Veterinay Clinic										
Beef: 2										
Selenium deficiency										^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	
Average	2.0 (2)			2.0 (1)		2.7 (3)				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported										
Beef	2.0 (1)					2.0 (1)				
Dairy						3.0 (2)				
Sheep	2.0 (1)			2.0 (1)						
Mpumalanga										
Volksrust, Volksrust Dierehospitaal										
Beef: 2, Sheep: 2										

North West
Christiana, Christiana Dierehospitaal
Sheep: 2
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Beef: 2, Dairy: 3
Howick, Howick Veterinary Clinic
Dairy: 3

Magnesium deficiency										^
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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

Dairy					2.0 (1)				
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Free State
Kroonstad, Kroonstad Dierehospitaal
Dairy: 2

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

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

Dairy								1.0 (1)	
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Western Cape
Stellenbosch, Stellenbosch Animal Hospital
Dairy: 1

Vitamin A deficiency										^
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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 (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)	
Sheep	2.0 (1)								

Mpumalanga
Volksrust, Volksrust Dierehospitaal
Beef: 2, Sheep: 2
Western Cape

Malmesbury, Malmesbury Dierehospitaal

Dairy: 2

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)

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)

Eastern Cape

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 3

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 1.7 (3) 1.5 (2) 1.0 (1) 3.0 (1) 2.3 (8) 2.3 (6) 2.0 (1) 2.6 (7)

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

Beef	1.7 (3)	2.0 (1)			2.3 (4)	2.0 (1)		2.8 (4)
Dairy					2.0 (1)	2.5 (4)	2.0 (1)	2.3 (3)
Sheep		1.0 (1)			2.3 (3)			
Goat			1.0 (1)	3.0 (1)		2.0 (1)		

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 1

Standerton, Standerton Dierehospitaal

Beef: 3

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 1

Pretoria, Idexx Lab. OP

Beef: 2

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Goat: 1

North West

Stella, Stella Dierekliniek

Goat: 3

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Memel, Memel Veterinary Clinic

Beef: 2									
Parys, Parys Dierehospitaal									
Dairy: 2									
Reitz, Riemland Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2, Sheep: 2									
Winburg, Winburg Dierekliniek									
Sheep: 2									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Dairy: 2									
Estcourt, Estcourt Vet Clinic									
Dairy: 2									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2, Goat: 2									
Underberg, Underberg Veterinary Surgery									
Dairy: 3									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Western Cape									
Darling, Darling Dierekliniek									
Beef: 3									
George, George Animal Hospital									
Beef: 2									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
<i>Neospora caninum</i>									
Malmesbury, Dr Otto Kriek									
Beef: 3									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 3									
Riversdale, Riversdal Dierekliniek									
Beef: 3									
Stellenbosch, Stellenbosch Animal Hospital									
Dairy: 2									
Stillbirths									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (3)				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.0 (2)				
Sheep					1.0 (1)				
Free State									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 1									

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 1, Sheep: 1

Abscesses

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.5 (2)	1.0 (3)		1.7 (3)	2.0 (10)	2.0 (8)	3.0 (1)	2.5 (2)	

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

Beef	3.0 (1)			2.0 (2)	2.0 (5)	1.6 (5)	3.0 (1)		
Dairy						2.5 (2)		2.5 (2)	
Sheep	2.0 (1)	1.0 (1)		1.0 (1)	2.0 (4)	3.0 (1)			
Goat		1.0 (2)			2.0 (1)				

Mpumalanga

Ermelo, Mōregloed Veterinêre Spreekkamer

Sheep: 2

Standerton, Standerton Dierehospitaal

Beef: 3

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 1, Goat: 1

Bronkhorstspuit, Kerkstraat Dierekliniek

Goat: 1

North West

Brits, Brits Dierekliniek

Beef: 3

Christiana, Christiana Dierehospitaal

Sheep: 1

Swartruggens, Swartruggens Veterinary Clinic

Beef: 1

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 2, Goat: 2

Corynebacterium (ovis) pseudotuberculosis

Bultfontein, Greylingrust Diersprekkamer

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 2, Sheep: 2

Memel, Memel Veterinary Clinic

Sheep: 1

Parys, Parys Dierehospitaal

Sheep: 2

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 2

Dundee, Endumeni Herd health

Dairy: 2
Howick, Howick Veterinary Clinic
Dairy: 3
Mooi River, Mooirivier Vet Clinic
Beef: 1
Newcastle, Ncanduvet Newcastle
Beef: 1
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3
Pongola, Pongola Animal Clinic
Beef: 1
Underberg, Underberg Veterinary Surgery
Sheep: 3
Eastern Cape
Port Alfred, Port Alfred Veterinary Clinic
Beef: 3
Due to tick bites
Western Cape
Malmesbury, Malmesbury Dierehospitaal
Dairy: 3
Stellenbosch, Stellenbosch Animal Hospital
Dairy: 2
Vaccinated with dirty needles

Abscesses in general									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)				2.7 (3)	2.0 (2)	1.0 (1)	2.0 (1)	

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

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

Mpumalanga
Lydenburg, Lydenburg Dieresprekkamer
Beef: 1
Nelspruit, Nelspruit Animal Hospital
Beef: 3
Free State
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Beef: 1
Western Cape
Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 2

Bladder stones ^

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

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Goat: 1

High concentrate feed without ammoniumsulphate

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 1

Blindness ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average		2.0 (1)			2.5 (8)			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					2.5 (4)				
Dairy					2.0 (1)			2.0 (1)	
Sheep					2.7 (3)			2.0 (1)	
Goat		2.0 (1)							

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Goat: 2

Free State

Frankfort, Frankfort Dierekliniek

Beef: 3, Dairy: 2, Sheep: 3

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Winburg, Winburg Dierekliniek

Beef: 2

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2, Sheep: 2

Bloat ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern
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				West	State	Natal	Cape	Cape	Cape
Average	1.0 (1)	1.0 (1)			2.0 (4)	1.7 (3)		1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)				2.5 (2)	1.5 (2)		1.0 (1)	
Dairy					2.0 (1)				
Sheep					1.0 (1)				
Goat		1.0 (1)				2.0 (1)			

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Goat: 1

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Kroonstad, Kroonstad Dierehospitaal

Dairy: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 1

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Beef: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 1, Goat: 2

Western Cape

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Blue udder



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

Dairy					2.0 (1)	2.0 (1)			
Sheep	1.0 (1)				2.0 (3)			2.0 (1)	

Mpumalanga

Balfour, Balfour Dierekliniek

Sheep: 1

Free State

Clocolan, Clocolan Dierekliniek

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 2
Reitz, Riemland Dierekliniek
Dairy: 2
Winburg, Winburg Dierekliniek
Sheep: 2
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Dairy: 2
Western Cape
Caledon, Overberg Veterinary Hospital
Sheep: 2

Diarrhoea									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.1 (7)	1.8 (4)		2.3 (3)	2.3 (12)	2.3 (16)	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	2.0 (6)	2.0 (2)		2.5 (2)	2.3 (9)	2.3 (7)	2.0 (1)	3.0 (1)	
Dairy				2.0 (1)	2.0 (2)	2.8 (4)		3.0 (1)	
Sheep	3.0 (1)	2.0 (1)			2.0 (1)	2.0 (2)			
Goat		1.0 (1)				2.0 (3)			

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Ermelo, Môregloed Veterinêre Spreekkamer
Beef: 3
Calves
Sheep: 3
Grootvlei, Grootvlei Dierekliniek
Beef: 2
Lydenburg, Lydenburg Dieresprekkamer
Beef: 2
Middelburg, Middelburg Dierehospitaal
Beef: 3
Standerton, Standerton Dierehospitaal
Beef: 1
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2, Sheep: 2, Goat: 1
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 2
North West
Christiana, Christiana Dierehospitaal
Beef: 2
Schweizer-Reneke, NJ Heyns
Dairy: 2
Diarrhoea especially in dairy calves
Stella, Stella Dierekliniek
Beef: 3

Free State**Bultfontein, Greylingrust Dieresprekkamer**

Beef: 2

Clocolan, Clocolan Dierekliniek

Beef: 3, Dairy: 3

Dewetsdorp, Platkop Dierekliniek

Beef: 2

In suckling calves

Harrismith, Harrismith Dierehospitaal

Beef: 3

Lots of diarrhoea in 2 to 3 months old veld calves

Kroonstad, Kroonstad Dierehospitaal

Beef: 3

Parys, Parys Dierehospitaal

Beef: 1, Dairy: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Vrede, Vrede Dierehospitaal

Beef: 3

Winburg, Winburg Dierekliniek

Beef: 2

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

Beef: 2

Calves

Bergville, Tugela Vet Clinic

Beef: 2, Goat: 2

Dundee, Endumeni Herd health

Dairy: 3

Coccidiosis in calves

Dundee, Mpati Veterinary Clinic

Beef: 3, Sheep: 3, Goat: 3

Estcourt, Estcourt Vet Clinic

Dairy: 2

Howick, Howick Veterinary Clinic

Dairy: 3

Ingogo, Gen XY Stud Beef Consultancy

Beef: 2

Mooi River, Mooirivier Vet Clinic

Beef: 3

Pietermaritzburg, Richmond Veterinary Clinic

Beef: 3

Feedlot

Pongola, Pongola Animal Clinic

Beef: 1, Sheep: 1, Goat: 1

Underberg, Underberg Veterinary Surgery

Dairy: 3

Eastern Cape**Aliwal North, Uitspan C Troskie**

Beef: 2

Western Cape**Darling, Darling Dierekliniek**

Beef: 3

Malmesbury, Malmesbury Dierehospitaal

Dairy: 3

Eye Cancer ^

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

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

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

Free State

Parys, Parys Dierehospitaal

Dairy: 2

Reitz, Riemland Dierekliniek

Beef: 2, Dairy: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Dairy: 1

Howick, Howick Veterinary Clinic

Dairy: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

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	2.3 (10)	1.8 (5)		2.8 (6)	2.5 (21)	2.3 (14)	2.7 (3)	2.2 (13)	

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

Beef	2.1 (7)	1.5 (2)		2.8 (4)	2.7 (12)	2.1 (7)	3.0 (1)	2.3 (4)	
Dairy					2.5 (4)	3.0 (2)	3.0 (1)	2.2 (6)	
Sheep	2.7 (3)	2.0 (2)		3.0 (2)	2.2 (5)	2.3 (3)		2.3 (3)	
Goat		2.0 (1)				2.0 (2)	2.0 (1)		

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Bethal, Bethal Dierekliniek

Sheep: 3
Ermelo, Môregloed Veterinêre Spreekkamer
Beef: 3
Highly infective - spreading
Sheep: 3
Grootvlei, Grootvlei Dierekliniek
Beef: 2
Lydenburg, Lydenburg Diersprekkamer
Beef: 1
Middelburg , Middelburg Dierehospitaal
Beef: 3
Nelspruit, Nelspruit Animal Hospital
Beef: 3
Volksrust, Volksrust Dierehospitaal
Beef: 2, Sheep: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 1, Sheep: 1, Goat: 2
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 2
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 3
North West
Brits, Brits Dierekliniek
Beef: 3
Christiana, Christiana Dierehospitaal
Beef: 3, Sheep: 3
Schweizer-Reneke, NJ Heyns
Beef: 2
Stella, Stella Dierekliniek
Beef: 3, Sheep: 3
Free State
Bethlehem, Bethlehem Animal Hospital
Beef: 3, Sheep: 1
Bloemfontein, Dr Stephan Wessels
Beef: 2
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 2
Bultfontein, Greylingrust Diersprekkamer
Beef: 3
Clocolan, Clocolan Dierekliniek
Beef: 2, Dairy: 2, Sheep: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Dairy: 3, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 3
Ladybrand, Ladybrand / Excelsior Dierekliniek
Sheep: 2
Reitz, Riemland Dierekliniek
Beef: 3, Dairy: 2, Sheep: 3
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 3
Vrede, Vrede Dierehospitaal
Beef: 3

Winburg, Winburg Dierekliniek
Beef: 3
Zastron, Zastron Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 2
Very dry conditions
Sheep: 2
Very dry conditions
Goat: 2
Very dry conditions
Dundee, Endumeni Herd health
Dairy: 3
Dundee, Mpati Veterinary Clinic
Beef: 2, Sheep: 2
Ingogo, Gen XY Stud Beef Consultancy
Beef: 2
Mooi River, Mooirivier Vet Clinic
Beef: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3
Pongola, Pongola Animal Clinic
Beef: 1
Underberg, Underberg Veterinary Surgery
Dairy: 3
Sudden surge in cases, often restricted to a particular camp and herd.
Sheep: 3
Sudden surge in cases, often restricted to a particular camp and flock.
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 3
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Goat: 2
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 3
Western Cape
Caledon, Overberg Veterinary Hospital
Beef: 2, Sheep: 2
Darling, Darling Dierekliniek
Beef: 3, Sheep: 3
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 2
Malmesbury, Bergzicht Dierehospitaal
Dairy: 2
Malmesbury, Dr Otto Kriek
Dairy: 2
Malmesbury, Malmesbury Dierehospitaal
Dairy: 2
Oudtshoorn, Ostrimed
Beef: 2, Sheep: 2
Riversdale, Riversdal Dierekliniek

Dairy: 3

Stellenbosch, Stellenbosch Animal Hospital

Beef: 2, Dairy: 2

Joint III

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

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

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

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Bethal, Bethal Dierekliniek

Sheep: 2

Lydenburg, Lydenburg Dieresprekkamer

Beef: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2

Limpopo

Mokopane, Dr Henk Visser

Beef: 1

North West

Brits, Brits Dierekliniek

Beef: 2

Christiana, Christiana Dierehospitaal

Sheep: 1

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Parys, Parys Dierehospitaal

Sheep: 1

Reitz, Riemland Dierekliniek

Beef: 2, Dairy: 3, Sheep: 2

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 1

Dundee, Endumeni Herd health

Dairy: 2

Newcastle, Ncanduvet Newcastle

Sheep: 1

Pongola, Pongola Animal Clinic

Beef: 1

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 1

Uitenhage, Uitenhage Dierehospitaal

Sheep: 1

Lameness/Foot Problems

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (5)	1.5 (2)	1.0 (1)	1.3 (3)	2.2 (13)	2.1 (11)	1.8 (4)	2.4 (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	1.8 (4)	1.0 (1)	1.0 (1)	1.3 (3)	2.0 (9)	2.0 (6)	1.0 (1)	2.0 (1)	
Dairy					2.5 (2)	2.5 (2)	2.0 (1)	3.0 (2)	
Sheep	3.0 (1)	2.0 (1)			2.5 (2)	2.0 (2)	2.0 (1)	2.0 (2)	
Goat						2.0 (1)	2.0 (1)		2.0 (1)

Mpumalanga

Ermelo, Mōregloed Veterinêre Spreekkamer

Beef: 3, Sheep: 3

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Lydenburg, Lydenburg Diersprekkamer

Beef: 1

Standerton, Standerton Dierehospitaal

Beef: 2

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Limpopo

Mokopane, Dr Henk Visser

Beef: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 1

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 2

Foot-rot

Swartruggens, Swartruggens Veterinary Clinic

Beef: 1

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1

Bultfontein, Greylingrust Diersprekkamer

Beef: 2

Clocolan, Clocolan Dierekliniek

Beef: 2, Dairy: 3

Ficksburg, Ficksburg Dierekliniek

Beef: 1

Cow with stringhalt

Harrismith, Harrismith Dierehospitaal

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Dairy: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 1, Sheep: 2

Vrede, Vrede Dierehospitaal

Beef: 3

Winburg, Winburg Dierekliniek

Beef: 3

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2

Camperdown, Camperdown Vet Clinic

Beef: 1

One cow with parturient paresis

Dundee, Endumeni Herd health

Sheep: 2

Dundee, Mpati Veterinary Clinic

Beef: 2

Estcourt, Estcourt Vet Clinic

Dairy: 2

Howick, Howick Veterinary Clinic

Dairy: 3

Mooi River, Mooirivier Vet Clinic

Beef: 3

Mtubatuba, Mtubatuba Animal Clinic

Goat: 2

Pietermaritzburg, Richmond Veterinary Clinic

Beef: 3

Pongola, Pongola Animal Clinic

Beef: 1

Eastern Cape

Aliwal North, Uitspan C Troskie

Beef: 1

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2, Goat: 2

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 2

Western Cape

Darling, Darling Dierekliniek

Beef: 2

Malmesbury, Dr Otto Kriek

Dairy: 3

Malmesbury, Malmesbury Dierehospitaal

Dairy: 3

Oudtshoorn, Ostrimed

Sheep: 1

Wellington, Wellington Dierehospitaal

Sheep: 3

Foot rot is a huge problem in the Western Cape

Northern Cape

Upington, Upington Veterinary Clinic

Goat: 2

Goats pine away in the hindquarters. On a post mortem a subdural abscess was found causing pressure on the spinal cord. It is postulated that bacteria entered the goat via tick bites (bont-legged ticks) under the tail causing the abscess. It was also found that bacteria entered the body through abrasions caused by neck clamps. Therefore farmers are advised to disinfect (e.g. F 10, 8 ml per litre of water) the neck clamp at regular intervals to prevent abscess formation. In the case of wool sheep spray the neck area with F 10

Lung infection ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.6 (5)	2.0 (5)		1.0 (1)	2.1 (7)	2.4 (9)	2.0 (2)	2.2 (6)	

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

Beef	2.5 (4)	2.0 (2)			2.3 (4)	2.7 (3)		2.0 (2)	
Dairy						2.7 (3)	2.0 (1)	3.0 (2)	
Sheep	3.0 (1)	2.0 (3)		1.0 (1)	2.0 (3)	2.0 (2)	2.0 (1)	1.5 (2)	
Goat						2.0 (1)			

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Ermelo, Moregloed Veterinere Spreekkamer

Beef: 3

Numerous mortalities and even at slaughter at abattoirs affected lungs seen.

Sheep: 3

Numerous mortalities and even at slaughter at abattoirs affected lungs seen.

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Piet Retief, Pets Vet Hospital

Beef: 3

Severe pneumonia outbreak in feedlot.

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2, Sheep: 2

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Pretoria, Idexx Lab. OP

Beef: 2, Sheep: 2

North West

Christiana, Christiana Dierehospitaal

Sheep: 1

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Sheep: 1

Clocolan, Clocolan Dierekliniek

Beef: 2

Reitz, Riemland Dierekliniek

Sheep: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2

Vrede, Vrede Dierehospitaal

Beef: 3, Sheep: 3

Winburg, Winburg Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Sheep: 1									
Dundee, Endumeni Herd health									
Dairy: 3, Sheep: 3									
Numerous cases of pasteurellosis in lambs - mortalities									
Estcourt, Estcourt Vet Clinic									
Dairy: 2									
Mooi River, Mooirivier Vet Clinic									
Beef: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2, Goat: 2									
Pietermaritzburg, Richmond Veterinary Clinic									
Beef: 3									
Underberg, Underberg Veterinary Surgery									
Dairy: 3									
Calves - onset of rainy weather interspersed with unseasonal drop in temperatures.									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
<i>E.coli</i>									
Sheep: 2									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 2									
Darling, Darling Dierekliniek									
Beef: 3									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 3									
Riversdale, Riversdal Dierekliniek									
Dairy: 3									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 1									
Wellington, Wellington Dierehospitaal									
Sheep: 1									
Mastitis in general									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)				2.2 (6)	2.6 (7)	2.8 (4)	2.1 (9)	
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)	2.0 (3)	3.0 (1)	2.0 (2)	
Dairy	2.0 (1)				2.3 (3)	3.0 (4)	2.7 (3)	2.3 (6)	
Sheep					2.0 (1)			1.0 (1)	
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Standerton, Standerton Dierehospitaal									

Dairy: 2
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 2
Clocolan, Clocolan Dierekliniek
Dairy: 3
Kroonstad, Kroonstad Dierehospitaal
Dairy: 2
Reitz, Riemland Dierekliniek
Dairy: 2
Winburg, Winburg Dierekliniek
Beef: 2, Sheep: 2
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 1
Dundee, Endumeni Herd health
Dairy: 3
Estcourt, Estcourt Vet Clinic
Dairy: 3
Howick, Howick Veterinary Clinic
Dairy: 3
Mooi River, Mooirivier Vet Clinic
Beef: 3
Pongola, Pongola Animal Clinic
Beef: 2
Rural community cattle
Underberg, Underberg Veterinary Surgery
Dairy: 3
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 3
Alexandria, Dr Thys (MJ) Potgieter
Dairy: 3
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2
<i>E.coli</i> + Milking machine trauma
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 3
Western Cape
Darling, Darling Dierekliniek
Beef: 3
George, George Animal Hospital
Dairy: 3
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 1
Malmesbury, Bergzicht Dierehospitaal
Dairy: 2
Malmesbury, Dr Otto Kriek
Dairy: 2
Malmesbury, Malmesbury Dierehospitaal
Dairy: 3
Oudtshoorn, Ostrimed
Beef: 1, Sheep: 1
Riversdale, Riversdal Dierekliniek

Dairy: 3

Staphylococcus aureus and *Streptococcus uberis*

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

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 1

North West

Stella, Stella Dierekliniek

Beef: 2

Swartruggens, Swartruggens Veterinary Clinic

Beef: 1

Free State

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 1

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Newcastle, Ncanduvet Newcastle

Sheep: 1

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Dairy: 1

Red 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)	

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

Sheep					2.0 (1)			2.0 (1)	
Free State									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Western Cape									
Beaufort West, Beaufort West State Vet									
Sheep: 2									
Mostly young lambs on veld conditions. Clostridial disease.									

Downer ^

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

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

Free State

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Winburg, Winburg Dierekliniek

Beef: 3

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Dairy: 3

Metabolic Diseases

Acidosis ^

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

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

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2, Sheep: 1

Free State

Clocolan, Clocolan Dierekliniek

Sheep: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 1

Too much maize.

Darling, Darling Dierekliniek

Beef: 3

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Displaced abomasum



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

Dairy					1.0 (1)	3.0 (1)	2.0 (1)	2.0 (1)	
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Free State

Parys, Parys Dierehospitaal

Dairy: 1

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Dairy: 3

Eastern Cape

Alexandria, Dr Thys (MJ) Potgieter

Dairy: 2

Western Cape

Malmesbury, Dr Otto Kriek

Dairy: 2

Right displaced abomasum - deaths reported by farmers

Ketosis



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

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

Free State

Reitz, Riemland Dierekliniek

Sheep: 2

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Dairy: 1

Western Cape

Beaufort West, Beaufort West State Vet

Goat: 2

Angora goats on dry veld conditions.

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Milk Fever

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

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 1

Free State

Reitz, Riemland Dierekliniek

Dairy: 2, Sheep: 2

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Winburg, Winburg Dierekliniek

Dairy: 1

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Dairy: 3

Western Cape

Malmesbury, Bergzicht Dierehospitaal

Dairy: 1

Riversdale, Riversdal Dierekliniek

Dairy: 3

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Reproductive diseases

Dystocia (Difficult Births)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (9)	2.0 (2)	1.5 (2)	2.5 (6)	2.1 (21)	1.8 (14)	1.8 (6)	2.0 (10)	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	1.8 (8)	2.0 (2)	1.5 (2)	2.5 (6)	2.1 (18)	1.9 (9)	1.8 (5)	2.0 (4)	1.5 (2)
Dairy					2.0 (1)	2.0 (3)	2.0 (1)	2.0 (5)	
Sheep	2.0 (1)				2.5 (2)	1.0 (1)		2.0 (1)	

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 1

Bethal, Bethal Dierekliniek

Beef: 2

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 2

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Lydenburg, Lydenburg Dieresprekkamer

Beef: 1

Middelburg, Middelburg Dierehospitaal

Beef: 3

Standerton, Standerton Dierehospitaal

Beef: 1

Volksrust, Volksrust Dierehospitaal

Beef: 2, Sheep: 2

Gauteng**Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 2

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

Limpopo**Machado, Blouberg Dierekliniek**

Beef: 2

Mokopane, Dr Henk Visser

Beef: 1

North West**Brits, Brits Dierekliniek**

Beef: 3

Large numbers of beef cows calving down now. Most problems in heifers with small body size.

Christiana, Christiana Dierehospitaal

Beef: 2

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Rustenburg, Protea Dierekliniek

Beef: 2

Schweizer-Reneke, NJ Heyns

Beef: 3

Ventersdorp, Buffelsvlei Dierekliniek

Beef: 2

Free State**Bethlehem, Bethlehem Animal Hospital**

Beef: 2

Bloemfontein, Dr Stephan Wessels

Beef: 2

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 2

Clocolan, Clocolan Dierekliniek

Beef: 2

Dewetsdorp, Platkop Dierekliniek

Beef: 1

Ficksburg, Ficksburg Dierekliniek

Beef: 2
Hertzogville, Hertzogville Dierekliniek
Beef: 3
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 2, Dairy: 2
Parys, Parys Dierehospitaal
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 3, Sheep: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2
Vrede, Saulshoek Dierepraktyk
Beef: 2
Vrede, Vrede Dierehospitaal
Beef: 2
Wesselsbron, Wesselsbron Dierekliniek
Beef: 1
Winburg, Winburg Dierekliniek
Beef: 3
Zastron, Zastron Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 2
Camperdown, Camperdown Vet Clinic
Beef: 1
Dundee, Endumeni Herd health
Dairy: 2
Dundee, Mpati Veterinary Clinic
Beef: 2
Estcourt, Estcourt Vet Clinic
Beef: 2, Dairy: 1
Howick, Howick Veterinary Clinic
Dairy: 3
Mooi River, Moirivier Vet Clinic
Beef: 3, Sheep: 1
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Newcastle, Ncanduvet Newcastle
Beef: 2, Goat: 1
Pongola, Pongola Animal Clinic
Beef: 1
Vryheid, Dr GH Theron
Beef: 2
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 2
Aliwal North, Uitspan C Troskie
Beef: 3
Graaff-Reinet, Graaff Reinet Veterinary Clinic

Beef: 1									
Humansdorp, Humansdorp Veterinary Clinic									
Beef: 1, Dairy: 2									
Uitenhage, Uitenhage Dierehospitaal									
Beef: 2									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 2									
Darling, Darling Dierekliniek									
Beef: 2									
George, George Animal Hospital									
Dairy: 2									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 1									
Malmesbury, Bergzicht Dierehospitaal									
Beef: 2, Dairy: 1									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 3									
Riversdale, Riversdal Dierekliniek									
Dairy: 3									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 2									
Boran embryo calf. Angus cow. Simmentaler heifer.									
Wellington, Wellington Dierehospitaal									
Beef: 2									
Northern Cape									
Kathu, Kathu Dierekliniek									
Beef: 1									
Kimberley, Kimberley Dierekliniek									
Beef: 2									
Endometritis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.0 (1)			1.7 (3)	2.3 (3)		3.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)	1.0 (1)			1.0 (1)				
Dairy					2.0 (2)	2.3 (3)		3.0 (1)	
Mpumalanga									
Grootvlei, Grootvlei Dierekliniek									
Beef: 1									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 1									
Free State									
Clocolan, Clocolan Dierekliniek									
Dairy: 2									
Kroonstad, Kroonstad Dierehospitaal									
Dairy: 2									
Winburg, Winburg Dierekliniek									

Beef: 1
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Dairy: 2
Howick, Howick Veterinary Clinic
Dairy: 3
Mtubatuba, Mtubatuba Animal Clinic
Dairy: 2
Western Cape
Malmesbury, Bergzicht Dierehospitaal
Dairy: 3

Metritis										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)	1.0 (1)			1.8 (4)	2.5 (2)		2.8 (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 (2)				1.7 (3)			3.0 (1)	1.0 (1)
Dairy	3.0 (1)				2.0 (1)	2.5 (2)		2.7 (3)	
Sheep		1.0 (1)							

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Ermelo, Moregloed Veterinere Spreekkamer
Beef: 1
Standerton, Standerton Dierehospitaal
Dairy: 3
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Sheep: 1
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 2
Kroonstad, Kroonstad Dierehospitaal
Dairy: 2
Winburg, Winburg Dierekliniek
Beef: 2
Zastron, Zastron Dierekliniek
Beef: 1
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Dairy: 2
Howick, Howick Veterinary Clinic
Dairy: 3
Western Cape
Darling, Darling Dierekliniek
Beef: 3
Malmesbury, Dr Otto Kriek
Dairy: 2
Malmesbury, Malmesbury Dierehospitaal

Dairy: 3
Riversdale, Riversdal Dierekliniek
Dairy: 3
Northern Cape
Kimberley, Kimberley Dierekliniek
Beef: 1

Poor conception									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)	3.0 (1)			2.5 (2)	2.0 (4)		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)				2.5 (2)	2.0 (1)		3.0 (1)	
Dairy						2.0 (3)		3.0 (1)	
Sheep	2.0 (1)	3.0 (1)							

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 2, Sheep: 2									
Gauteng									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 3									
Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 3									
Winburg, Winburg Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Dairy: 1									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Underberg, Underberg Veterinary Surgery									
Dairy: 2									
Western Cape									
Darling, Darling Dierekliniek									
Beef: 3									
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	1.3 (3)	1.0 (1)		1.0 (1)	2.0 (3)	2.4 (5)	1.0 (1)	3.0 (3)	

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

Beef	1.3 (3)	1.0 (1)		1.0 (1)	2.0 (3)	2.3 (3)	1.0 (1)	3.0 (1)
Dairy						2.5 (2)		3.0 (2)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 1

Standerton, Standerton Dierehospitaal

Beef: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 1

North West

Brits, Brits Dierekliniek

Beef: 1

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 2

Clocolan, Clocolan Dierekliniek

Beef: 1

Winburg, Winburg Dierekliniek

Beef: 3

Kwazulu-Natal

Dundee, Endumeni Herd health

Dairy: 2

Howick, Howick Veterinary Clinic

Dairy: 3

Mooi River, Mooirivier Vet Clinic

Beef: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Newcastle, Ncanduvet Newcastle

Beef: 3

Eastern Cape

Aliwal North, Uitspan C Troskie

Beef: 1

Western Cape

Darling, Darling Dierekliniek

Beef: 3

Malmesbury, Malmesbury Dierehospitaal

Dairy: 3

Riversdale, Riversdal Dierekliniek

Dairy: 3

Sheath Prolaps



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

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

Beef	2.0 (1)								
Free State									
Winburg, Winburg Dierekliniek									
Beef: 2									
Uterus prolapse									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (2)			1.4 (8)	1.7 (3)	1.0 (2)	2.0 (2)	

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

Beef		1.0 (1)			1.4 (8)	1.0 (1)	1.0 (1)		
Dairy						2.0 (2)		2.0 (2)	
Sheep		1.0 (1)					1.0 (1)		

Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 1									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 1									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 1									
Hoopstad, Hoopstad Dierekliniek									
Beef: 2									
Kroonstad, Kroonstad Dierehospitaal									
Beef: 1									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 1									
Parys, Parys Dierehospitaal									
Beef: 1									
Reitz, Riemland Dierekliniek									
Beef: 2									
Vrede, Vrede Dierehospitaal									
Beef: 1									
Winburg, Winburg Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Beef: 1, Dairy: 2									
Howick, Howick Veterinary Clinic									
Dairy: 2									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Beef: 1, Sheep: 1									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 1									
Riversdale, Riversdal Dierekliniek									

Dairy: 3

Vaginal (Cervical) prolaps

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.4 (5)		2.0 (1)	1.0 (2)	2.2 (5)	2.0 (4)		1.0 (1)	

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

Beef	1.3 (3)			1.0 (2)	2.0 (4)	2.0 (2)		1.0 (1)	
Dairy						2.0 (2)			
Sheep	1.5 (2)		2.0 (1)		3.0 (1)				

Mpumalanga

Bethal, Bethal Dierekliniek

Beef: 1, Sheep: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Standerton, Standerton Dierehospitaal

Beef: 2, Sheep: 2

Limpopo

Ellisras, Matoppi Dierekliniek

Sheep: 2

Rectal prolapses in Dorpers

North West

Brits, Brits Dierekliniek

Beef: 1

Ventersdorp, Buffelsvlei Dierekliniek

Beef: 1

Free State

Clocolan, Clocolan Dierekliniek

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Reitz, Riemland Dierekliniek

Beef: 2

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Beef: 2, Dairy: 2

Howick, Howick Veterinary Clinic

Dairy: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Western Cape

Malmesbury, Bergzicht Dierehospitaal

Beef: 1

Climatical Cause

Heat stress

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									
Dairy							3.0 (1)	1.5 (2)	

Eastern Cape

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 3

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 1

Malmesbury, Dr Otto Kriek

Dairy: 2

Possible heat stroke reported by farmers.

Lightning



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				2.0 (1)	1.6 (10)	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)	1.6 (10)	1.5 (2)			

North West

Ventersdorp, Buffelsvlei Dierekliniek

Beef: 2

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 2

Eight animals died

Dewetsdorp, Platkop Dierekliniek

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 2

Kroonstad, Kroonstad Dierehospitaal

Beef: 1

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 1

Parys, Parys Dierehospitaal

Beef: 2

Reitz, Riemland Dierekliniek

Beef: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Vrede, Saulshoek Dierepraktyk

Beef: 2

Winburg, Winburg Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Beef: 1									
Howick, Howick Veterinary Clinic									
Beef: 2									
Frozen to death									^
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)					
North West									
Schweizer-Reneke, NJ Heyns									
Beef: 2									
Five cattle died									
Non specific diseases									
Preditors									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					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					1.5 (2)				
Sheep					2.0 (3)				
Free State									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 1, Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Vrede, Saulshoek Dierepraktyk									
Sheep: 2									
Winburg, Winburg Dierekliniek									
Beef: 2									
Sabotation - Theft									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)	1.0 (1)			2.5 (6)	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	3.0 (1)	1.0 (1)			2.0 (3)	2.0 (1)			
Dairy						2.0 (1)	2.0 (1)		
Sheep					3.0 (3)				

Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3									
Still a huge irritating situation for cattle farmers and guilty parties are not caught. Poor cooperation with SAP									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 1									
Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 2, Sheep: 3									
Frankfort, Frankfort Dierekliniek									
Sheep: 3									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2, Sheep: 3									
Winburg, Winburg Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Beef: 2, Dairy: 2									
Eastern Cape									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 2									

Trauma									^
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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					1.5 (2)				
Sheep		1.0 (1)							

Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 1									
Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 1									
Winburg, Winburg Dierekliniek									
Beef: 2									

The following practices reported that they have nothing to report.

Drs. Johan Jooste (Delmas), Rick Mapham (Pietermaritzburg), Glen Carlisle (Oudtshoorn) and Andy Hentzen (Feedlot consultant).

Ostriches

Western Cape

Oudtshoorn: dr . Adriaan Olivier

Diarrhoea	Chick season starting. Large fluctuations in temperature spikes – e.g. 42°C next day 26°C and then 14°C. Very cold early morning and afternoon. Temperature settings too 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. Culture <i>Clostridium</i> and <i>E. coli</i> . Large variation to effectiveness of antibiotics. First line (macrolides and terramycin) works 70%. 2nd and 3rd lines 50% and below.
Vit E/ Selenium	Rapid growth with high nutritional plane and hot weather – results in depletion of antioxidative nutrients. Paresis and acute deaths. Muscle pale white to pink. In feed supplementation used
Flies and midge	Dry, but moisture seeking midges more of a problem now. Lots of biting flies. Bad outbreak of lumpy skin – which our farmers do not know (for the past 3 months now). Suspect blue tongue as well.
Redgut	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 no formulations although made to spec.

Horses

Mpumalanga

Ermelo – drs. Potgieter and Steinberg

Tetanus (1)

Ophthalmia (3)

Free State

Bethlehem – dr. Henk Basson

Colic- 10 cases, 3 died – torsions and displacements

KwaZulu-Natal

Camperdown – dr. Anthony van Tonder

Lameness in a horse

Northern Cape

Kimberley – drs. Van Heerden and Swart

Sarcoid (1)

Ophthalmia (1)

Dogs

North West

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

Rabies in a dog

Game

Limpopo

Machado – dr. Freddy Harris

Coccidiosis in buffalo (2)

Eastern Cape

Graaff-Reinet – dr. Roland Larson

Tetanus in a springbuck

Western Cape

Riversdale – drs. Du Plessis, Taylor and De Bruyn

Bontebokke died of wireworm infestation

Buffalo - tapeworms

Northern Cape

Kimberley – drs. Van Heerden and Swart

Dystocia in a roan

Retained afterbirth in a buffalo

Lameness in sable (2)

Ophthalmia in buffalo (2)

Abscess in sable (2)

Peritonitis in golden gemsbok

Capture myopathy in bontebok (2)

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

Sheep feedlots:

Wireworm infestation generally increased. Nasal bot infestations on the increase. A few cases of pulpy kidney and diarrhoea occurred. Pneumonia occurred in weaker lambs. Foot rot and foot abscess were seen due to wet conditions and bont-legged tick bites. A few sheep had problems due to abscesses.

Cattle feedlots:

Ophthalmia was seen in many young calves. Pneumonia occurred due to wet conditions after the rain. Wet kraals caused lameness, burnt rumens due to disturbed feeding patterns. A few liver abscesses accompanied with rumen damage were seen. Acidosis with bloat and red gut caused mortalities.

Tick burdens increased and cases of sweating sickness, anaplasmosis and red water were recorded.

Best wishes for 2015!

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

December is traditionally a quiet month. The greatest number of samples [5 at various times during the report month] were received from one farm. The farmer was struggling to contain a *Salmonella* Typhimurium outbreak in dairy calves. Many of the animals had been treated before sampling, which made it difficult to culture the *Salmonella*, and in many cases secondary bacteria and yeasts were already present. Scanty information was provided each time a sample was sent, which also made it difficult to ascertain exactly what the problem was.

The vaccination strategy varies according to the age at which calves are first affected. If calves only become ill at 4 weeks of age or older, then the vaccine is preferably given to the calf and not to the cow. Calves under 3 weeks of age are best protected using maternal immunity, ensuring that calves receive sufficient colostrum. If calves between 3-4 weeks of age become infected, it is difficult to decide whether to rely on maternal immunity, or whether to try and vaccinate the calves themselves. The vaccines for *Salmonella* Typhimurium are inactivated vaccines [Bovilis S and OBP paratyphoid] which produce a good maternal immunity, and a good calfhood immunity, but calves that were protected via maternal immunity rapidly become vulnerable if vaccinated during the first 3 weeks of life.

Another calf from a different farm, had *Salmonella* Dublin, which does not present the dilemma of *Salmonella* Typhimurium vaccination. The protection engendered by the live vaccine does not appear to be affected by the colostral antibodies. The strategy in cases where calves become ill at 3-4 weeks, is to vaccinate the cow with one of the inactivated vaccines [twice], and then to vaccinate the calf with the live paratyphoid vaccine.

E. coli caused septicaemia and enteritis in two calves and two pigs. Pneumonia was caused by *Streptococcus dysgalactiae (equisimilis)* in a pig and *Pasteurella multocida* in a sheep and chickens.

Two goats had abscesses due to *Corynebacterium pseudotuberculosis*, a bovine due to *Trueperella (Arcanobacterium) pyogenes*, and a sheep had an abscess yielding a combination of *Mannheimia haemolytica* and *Histophilus somni*.

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 pneumonia* 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 December 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
Bovine	<i>Tritrichomonas foetus</i>	1	Kokstad, KZN
Bovine, Cow	Clostridial red-gut	1	Jeffries Bay, E.Cape
Bovine, Cow	Cardiac glycoside poisoning	1	White River, Mpumulanga
Bovine, Cow	Aspiration pneumonia	1	Piet Retief, Mpumulanga
Bovine, Fetus	Mycotic abortion	1	Underberg, KZN
Bovine, Cow	Traumatic reticuloperitonitis	1	Eston, KZN
Bovine, Aborted Fetus	Hyperplastic goitre	1	Jeffries Bay, E.Cape
Porcine, Weaners	<i>Actinobacillus pleuropneumoniae</i>	3	New Hanover, KZN
Porcine, Weaners	<i>Lawsonia intracellularis</i>	2	Wartburg, KZN
Bovine, Stillbirth	Micronutrient deficiency	1	Nelspruit, Mpumulanga
Bovine	<i>Trichomonas foetus</i>	1	Matubatuba, KZN

Bovine	<i>Trichomonas foetus</i>	5	Summerset East, E. Cape
Bovine	<i>Campylobacter foetus</i>	4	Summerset East, E. Cape
Bovine, Weaner	Arcanobacterial embolic pneumonia	1	Jeffries Bay, E.Cape
Bovine, Heifer	Seneciosis	1	Merrivale, KZN
Bovine, Adult Cow	Presumptive Rabies (awaiting IHC)	1	Pietersburg, Limpopo

KZN MASTITIS BACTERIAL ISOLATES
DECEMBER 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>	5
Haemolytic <i>Escherchia coli</i>	2
<i>Klebsiella</i> spp	
<i>Proteus</i> spp	
<i>Pseudomonas</i> spp	
<i>Staphylococcus aureus</i>	5
<i>Staphylococcus epidermidis</i>	
<i>Staphylococcus intermedius</i> group - white	19
<i>Staphylococcus intermedius</i> group - yellow	9
<i>Staphylococcus pseudintermedius</i>	14
<i>Staphylococcus</i> spp (Coagulase Negative)	
<i>Streptococcus agalactiae</i>	2
<i>Streptococcus dysgalactiae</i>	
<i>Streptococcus pneumoniae</i>	2
<i>Streptococcus uberis</i>	31