

**011 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**

**September 2014**

**The following practices and laboratories (108) submitted reports in September 2014:**

**Mpumalanga (11)**

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

**Gauteng (5)**

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

**Limpopo (7)**

Bela-Bela – drs. Du Toit, Hansen, Bester and Herbst  
Machado – drs. Harris, Klopper and Jacobs  
Modimolle – drs. Huber, Bredell and Barnard  
Mokopane (Potgietersrus) - dr. Henk Visser  
Polokwane (Pietersburg) – dr. Gavin Watson  
Tzaneen – dr. Pieter Cordier  
Vaalwater - dr. Hampie van Staden

**North West (9)**

Brits – drs. Boshoff and Coetzer  
Christiana - dr. Pieter Nel  
Leeudoringstad - dr. Ian Jonker  
Rustenburg – drs. Gagher, 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  
Vryburg – dr. Jurie Kritzinger

**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 - dr. Dries Lessing  
Harrismith - drs. Pretorius, Thirion and Nel  
Hertzogville - drs. Hendrikz and Naudé  
Hoopstad - dr. Kobus Pretorius  
Kroonstad – drs. Daffue, Eksteen, Van Zyl and Van der Walt  
Ladybrand- drs. De Vos and Nel  
Memel – dr. Neil 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 – drs. Albertyn and Albertyn  
Zastron – dr. Phillip Brandt

**KwaZulu-Natal (17)**

Bergville - drs. Ariena Shepherd  
Bergville – dr. Jubie Muller  
Camperdown – dr. Anthony van Tonder  
Dundee - dr. Tony Grace  
Dundee – dr. Jacqui Marais  
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  
Pietermaritzburg – dr. Phillip Kretzmann  
Pietermaritzburg – dr. Rick Mapham  
Pongola – dr. Heinz Kohrs  
Underberg - drs. Collins, King and Delaney  
Vryheid – dr. Gert Theron

**Eastern Cape (10)**

Alexandria - dr. Johan Olivier  
Aliwal North – drs. Troskie and Strauss  
Cradock – dr. Frans Erasmus  
Graaff-Reinet – dr. Mackie Hobson  
Graaff- Reinet - dr. Roland Larson

Humansdorp - drs. Van Niekerk, Jansen Van Vuuren, Barker and Kotze  
Jeffreys Bay - drs. Lategan, Hoek and McFarlane Middelburg – drs. Van Rooyen and Viljoen  
Queenstown – drs. Du Preez, Godley, Klopper, Jansen van Vuuren, De Klerk and Catherine  
Somerset East – drs. Farrel and Louw  
Uitenhage – dr. Riaan Mulder

**Western Cape (16)**

Beaufort West - drs. Pienaar and Grobler  
Caledon – drs. Retief and Rissik  
Ceres – dr. Johani Pieterse  
Darling/Durbanville – drs. Van der Merwe, Adam, Adam and Hodgson  
George - drs. Strydom, Truter, and Pettifer  
Heidelberg – dr. Albert van Zyl  
Malmesbury – drs. Bosman and Groenewald  
Malmesbury – dr. Otto Kriek  
Malmesbury – dr. John Liebenberg  
Oudtshoorn – dr. Glen Carlisle  
Oudtshoorn – dr. Adriaan Olivier  
Plettenberg Bay – dr. André Reitz  
Riversdal – drs. Du Plessis, Taylor and De Bruyn  
Stellenbosch – dr. Alfred Kidd  
Swellendam – dr. Jacques Malan  
Vredenburg - dr. Izak Rust

**Northern Cape (5)**

Calvinia – drs. Dirk and Lizanne de Beer  
De Aar – dr. Donald Anderson  
Kathu – dr. Jan Vorster  
Kimberley – drs. Van Heerden and Swart  
Upington - dr. Ian Vorster

**Feedlots (1)**

Drs. Morris and Du Preez

**Laboratory reports (4)**

Dr. Marijke Henton - Idexx SA Johannesburg  
Dr. Liza du Plessis – Idexx SA Onderstepoort  
Dr. Annelize Jonker – State Vet Lab, Stellenbosch  
Dr. J.H Vorster – Vetdiagnostix, Pietermaritzburg

**Summary of disease report for September 2014**

107 Reports from veterinary practices and laboratories were received (Mpumalanga 11; Gauteng 5; Limpopo 7; North West 9; Free State 23; KwaZulu-Natal 17; Eastern Cape 10; Western Cape 16; Northern Cape 4; Feedlot 1 and Laboratories 4.

**Internal parasites**

### Roundworms

Reports of mortalities due to wireworm infestations were received. Familiarise yourself with the five point check how to clinically diagnose problems with worms.

<http://landbou.com/kundiges/vra-vir-faffa/die-vyfpuntplan-en-famacha-stelsel-vir-inwendige-parasietbestuur-in-skape/>

FAMACHA cards can be ordered and training given by your veterinarian.

It is important to establish which anthelmintic groups are still controlling the internal parasites on your farm. Discuss control programmes with your veterinarian.

Reports were received (Limpopo and KwaZulu-Natal) of financial loss due to cattle infected with *Parafilaria bovicola* slaughtered at abattoirs. Carcasses had to be trimmed removing the false bruising areas.

### Flukes

Animals that grazed in vleis during the winter where water bodies are prevalent will be infected with liver fluke. Discuss control and management programmes with your veterinarian.

### Tapeworms

Tapeworms may also be resistant to drugs. Evaluate control programmes with your veterinarian.

### 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 of infestation with this protozoal parasite were documented. Young animals are especially affected by coccidiosis. Discuss preventative measures with your veterinarian.

## **External parasites**

### Ticks

**Blue ticks** numbers are on the increase. Now is the time to discuss the tick control programme for the coming tick season starting in spring with your veterinarian. Early treatment in spring prevents outbreaks later in the season. Blue ticks transmit African and Asiatic red water, anaplasmosis and lumpy skin disease. Blue tick resistance is rife and drug groups should be tested for efficacy.

Reports of the presence of the following tick species were received: **heart water tick** (Mpumalanga, Gauteng, Limpopo, North West, KwaZulu-Natal, Eastern and Western Cape) **brown ear-tick** (Free State, KwaZulu-Natal and Eastern Cape), **bont-legged tick** (Mpumalanga, Gauteng, North West, Free State, KwaZulu-Natal and Western Cape), **red-legged tick** (Mpumalanga, Limpopo, North West, Free State, KwaZulu-Natal and Western Cape) and **paralysis ticks** (Free State). Spring lamb paralysis caused by the red-legged tick was reported from the Free State. Each of these ticks transmits specific diseases or causes a **tick toxicosis**. Discuss their life cycles with your veterinarian and how to control them, keeping in mind the selection for tick resistance.

### Lice

**Lice (sucking and biting)** pose a problem especially in areas where malnutrition is still a problem. Numerous reports were received (Mpumalanga, North West, Free State, KwaZulu-

Natal, Eastern Cape and Western Cape) and as the nutritional value of grazing is still a problem these parasites pose a health problem for animals. Sheep farmers should be aware of red lice being resistant to various drugs. Discuss control programmes with your veterinarian.

#### Mites

Be on the lookout for disturbances in wool and hair loss. **Sheep scab** is a State controlled disease and outbreaks occurred in various provinces. 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.

**Mange** in cattle was reported from Mpumalanga, Free State, KwaZulu-Natal, Eastern, Western and Northern Cape.

#### Flies, midges and mosquitoes

A few cases were reported.

#### **Tick borne diseases**

##### African and Asiatic red water

The occurrence of these diseases is on the increase as blue tick numbers are on the increase. Reports were received from Mpumalanga, Gauteng, Free State, KwaZulu-Natal, Eastern Cape and the Western Cape. Discuss vaccination programmes with your veterinarian. **Asiatic red water is a killer disease and proper steps should be taken to control this disease!**

##### Anaplasmosis

Numerous reports of outbreaks were received from all provinces except the Northern Cape.. This disease is spread by **blue ticks, biting flies** and **needles** (vaccinations)

##### Heartwater

Cases (Mpumalanga, Gauteng, Limpopo, North West, KwaZulu-Natal and Eastern Cape) were reported.

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

##### Tick toxicosis

**Sweating sickness** was reported from the Free State and Eastern Cape. This disease is caused by the toxin of the bont-legged ticks.

##### Corridor disease

As buffalo farming is on the increase cattle farmers should be aware of this disease.

#### **Insect transmitted diseases**

##### Lumpy skin disease

Reports (Mpumalanga, Limpopo, Free State, KwaZulu-Natal and the Eastern and Western Cape) are still received of numerous cases. This confirms that some species of ticks are also capable of transmitting the virus causing lumpy skin disease.

##### Three day stiff sickness

Only a few cases (Free State and Eastern Cape) were reported.

##### Blue tongue

The first cases of the new season were received from Gauteng, KwaZulu-Natal, Eastern and Western Cape. There is a crisis with the availability of vaccine. Discuss additional control measures with your veterinarian.

According to a communication sent out by OBP vaccines will hopefully be available at the end of October.

#### Rift Valley Fever and Wesselsbron disease

No reports were received

### **Venereal diseases**

#### Trichomonosis

This venereal disease is causing havoc in our country. Only two provinces (Gauteng and Western Cape) did not report on this disease. Thirty two practices reported this disease. It is of utmost importance that biosecurity measures are in place. Together with your veterinarian plan how to prevent and to control these diseases.

#### Vibriosis

Regular reports (14 practices) are received. Good vaccines exist to control this disease.

#### Pizzle disease

Reports were received from the Western Cape.

### **Bacterial diseases**

The following bacterial diseases were reported: **Q-fever, blackquarter, intra uterine gangrene, pulpy kidney, lamb dysentery, swelled head, red gut, blood gut, tetanus, botulism, salmonellosis, bovine brucellosis (23 practices reported), ovine brucellosis, tuberculosis, Johnes, leptospirosis, enzootic abortion, colibacillosis, Fusibacterium necrophorum, and lumpy wool.**

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

### **Viral diseases**

#### Bovine malignant catarrh (snotsiekte)

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

Other viral diseases that were reported are: **rabies, infectious bovine rhinotracheitis (IBR), bovine viral diarrhoea (BVD), enzootic bovine leucosis (EBL), orf and warts. Bovine respiratory disease (BRD)** has been reported from all over the country with high mortality figures. Many of the viruses mentioned above are involved. Discuss with your veterinarian how to control this disease with a vaccination program.

### **Poisonings**

The following toxicities were reported: **cardiac glycoside, ink berry (Cestrum), facial eczema, geeldikkop, gifblaar, gousiekte, Lantana, Senecio, Turksnaal, tulip, nitrate, prussic acid, rye grass, soya, diploidiosis, urea, copper, organophosphate, acidosis and snake bite.**

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

### Nutritional

In winter months the **protein, energy** and **vitamin A** content of pasture decreases and reports of deficiencies were received. It will take some time after good rains have fallen in the summer rainfall areas for pastures to recover. Reports were received where animals got stuck in mud in dams and died. Deficiencies in **macro-** and **micro-minerals** were received. It is important that animals receive supplementation during this deficient period. Your veterinarian can take **liver samples** for analysis to assess the micro mineral status of animals. **Blood** can be taken to assess selenium levels. As **antagonists** such as calcium, sulphur and iron could hamper **absorption** of trace elements, soil and water samples should be analysed.

### Multifactorial diseases and other conditions

The following were reported: **abscesses, bladder stones, blindness, eye cancer, ophthalmia, bloat, blood gut, blue udder, mastitis, diarrhoea, joint ill, lameness, navel ill, 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**.

### Comment:

To get access to previous reports visit [www.lhpg.co.za](http://www.lhpg.co.za) and click on disease reporting.

## DISEASE DISTRIBUTION REPORT AS REPORTED BY VETERINARIANS

rep_disease_sur	vetprac	
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## Internal Parasites

### Roundworms in general



<b>PROVINCE</b>	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern
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				West	State	Natal	Cape	Cape	Cape
<b>Average</b>	1.8 (4)	2.0 (2)	2.0 (2)		2.2 (9)	1.6 (10)	2.0 (5)	2.0 (7)	2.0 (1)

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

<b>Beef</b>	1.0 (1)				2.0 (2)	1.3 (3)			
<b>Sheep</b>	2.0 (3)	2.0 (2)	2.0 (1)		2.3 (7)	1.5 (4)	2.0 (3)	2.4 (5)	2.0 (1)
<b>Goat</b>			2.0 (1)			2.0 (3)	2.0 (2)	1.0 (2)	

### Mpumalanga

#### Middelburg , Middelburg Dierehospitaal

Sheep: 2

#### Nelspruit, Nelspruit Animal Hospital

Beef: 1

#### Standerton, Econovet

Sheep: 2

#### Volkstrust, Volkstrust Dierehospitaal

Sheep: 2

### Gauteng

#### Bronkhorstspuit, Kerkstraat Dierkliniek

Sheep: 1

#### Pretoria, Anima Veterinary Consulting Rooms

Sheep: 3

### Limpopo

#### Tzaneen, Tzaneen Dierkliniek

Sheep: 2, Goat: 2

### Free State

#### Bloemfontein, Dr Stephan Wessels

Sheep: 2

#### Clocolan, Clocolan Dierkliniek

Sheep: 2

#### Dewetsdorp, Platkop Dierkliniek

Sheep: 2

#### Frankfort, Frankfort Dierkliniek

Beef: 2

#### Harrismith, Harrismith Dierehospitaal

Beef: 2

Numerous herds are infested with worms as seen on faecal egg counts

#### Hoopstad, Hoopstad Dierkliniek

Sheep: 2

#### Reitz, Riemland Dierkliniek

Sheep: 2

#### Viljoenskroon, Viljoenskroon Dierkliniek

Sheep: 3

#### Vrede, Saulshoek Dierpraktijk

Sheep: 3

### Kwazulu-Natal

#### Bergville, Tugela Vet Clinic

Beef: 1, Sheep: 1, Goat: 2

#### Camperdown, Camperdown Vet Clinic

Sheep: 1

#### Estcourt, Estcourt Vet Clinic

Beef: 1, Sheep: 2, Goat: 2

<b>Mooi River, Mooirivier Vet Clinic</b>									
Sheep: 2									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Beef: 2, Goat: 2									
<b>Eastern Cape</b>									
<b>Graaff-Reinet, Camdeboo Veterinary Clinic</b>									
Sheep: 2, Goat: 2									
<b>Graaff-Reinet, Graaff Reinet Veterinary Clinic</b>									
Goat: 2									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Sheep: 2									
<b>Uitenhage, Uitenhage Dierehospitaal</b>									
Sheep: 2									
<b>Western Cape</b>									
<b>Caledon, Overberg Veterinary Hospital</b>									
Sheep: 3									
<b>George, George Animal Hospital</b>									
Sheep: 3									
<b>Heidelberg WC, Heidelberg Dierekliniek</b>									
Sheep: 2									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Sheep: 3									
<b>Oudtshoorn, Ostrimed</b>									
Sheep: 1, Goat: 1									
<b>Oudtshoorn, Oudtshoorn Dierekliniek</b>									
Goat: 1									
<b>Northern Cape</b>									
<b>Kimberley, Kimberley Dierekliniek</b>									
Sheep: 2									
<b>Resistant Round Worms</b>									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		2.0 (1)	1.0 (2)		1.3 (3)	1.0 (1)		3.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Sheep</b>		2.0 (1)	1.0 (1)		1.3 (3)	1.0 (1)		3.0 (1)	
<b>Goat</b>			1.0 (1)						
<b>Gauteng</b>									
<b>Pretoria, Anima Veterinary Consulting Rooms</b>									
Sheep: 2									
<b>Limpopo</b>									
<b>Tzaneen, Tzaneen Dierekliniek</b>									
Sheep: 1, Goat: 1									
<b>Free State</b>									
<b>Bethlehem, Bethlehem Animal Hospital</b>									
Sheep: 1									
<b>Bloemfontein, Dr Stephan Wessels</b>									
Sheep: 1									
<b>Reitz, Riemland Dierekliniek</b>									
Sheep: 2									

Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Sheep: 1									
Western Cape									
George, George Animal Hospital									
Sheep: 3									
Wireworm									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	2.0 (2)		3.0 (1)	2.0 (4)	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									
Sheep	2.0 (1)	2.0 (2)		3.0 (1)	2.0 (4)	1.7 (3)	2.0 (2)		
Goat						2.0 (1)			
Mpumalanga									
Ermelo, Joubertstraat Dierekliniek									
Sheep: 2									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Sheep: 1									
Nigel, Welgelegen Dierekliniek									
Sheep: 3									
North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Sheep: 3									
Severe levamisole anthelmintic resistance, 15 to 20 deaths in feed lot.									
Free State									
Frankfort, Frankfort Dierekliniek									
Sheep: 2									
Hertzogville, Hertzogville Dierekliniek									
Sheep: 2									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 2									
Reitz, Riemland Dierekliniek									
Sheep: 2									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Sheep: 1									
Estcourt, Estcourt Vet Clinic									
Sheep: 2, Goat: 2									
Mooi River, Mooirivier Vet Clinic									
Sheep: 2									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Sheep: 2									
Uitenhage, Uitenhage Dierehospitaal									
Sheep: 2									
Brown stomach-worm									^

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

<b>Kwazulu-Natal</b>									
<b>Bergville, Tugela Vet Clinic</b>									
Sheep: 2, Goat: 2									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Sheep: 2									
<b>Western Cape</b>									
<b>Heidelberg WC, Heidelberg Dierekliniék</b>									
Sheep: 2									

<b>Tape Worms</b>									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (3)			3.0 (1)	2.2 (5)			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									
<b>Beef</b>	2.0 (2)								
<b>Sheep</b>	2.0 (1)			3.0 (1)	2.2 (5)			1.5 (2)	
<b>Goat</b>								2.0 (1)	

<b>Mpumalanga</b>									
<b>Standerton, Econovet</b>									
Beef: 2									
<b>Volkstrust, Volkstrust Dierehospitaal</b>									
Beef: 2, Sheep: 2									
<b>North West</b>									
<b>Stella, Stella Dierekliniék</b>									
Sheep: 3									
<b>Free State</b>									
<b>Bethlehem, Bethlehem Animal Hospital</b>									
Sheep: 2									
<b>Bloemfontein, Dr Stephan Wessels</b>									
Sheep: 2									
<b>Clocolan, Clocolan Dierekliniék</b>									
Sheep: 3									
<b>Hoopstad, Hoopstad Dierekliniék</b>									
Sheep: 2									
<b>Reitz, Riemland Dierekliniék</b>									
Sheep: 2									
<b>Western Cape</b>									
<b>Beaufort West, Beaufort West State Vet</b>									
Sheep: 2									

Faecal examinations
Goat: 2
Found on faecal exams
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Sheep: 1

<b>Parafilaria</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)	3.0 (1)	1.5 (2)			1.0 (1)			

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

<b>Beef</b>	1.0 (1)	3.0 (1)	1.5 (2)			1.0 (1)			
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<b>Mpumalanga</b>									
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<b>Middelburg , Middelburg Dierehospitaal</b>
Beef: 1

<b>Gauteng</b>									
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<b>Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic</b>
Beef: 3

<b>Limpopo</b>									
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<b>Mokopane, Dr Henk Visser</b>
Beef: 1

<b>Polokwane, Pietersburg Veterinary Clinic</b>
Beef: 2

<b>Kwazulu-Natal</b>									
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<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 1

<b>Liver fluke</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.8 (4)				1.8 (8)	1.5 (2)	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

<b>Beef</b>	2.0 (2)				1.8 (6)	1.5 (2)	2.0 (2)		
<b>Dairy</b>	1.0 (1)								
<b>Sheep</b>	2.0 (1)				1.5 (2)		2.5 (2)		

<b>Mpumalanga</b>									
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<b>Bethal, Bethal Dierekliniek</b>
Dairy: 1

<b>Standerton, Econovet</b>
Beef: 2

<b>Volksrust, Volksrust Dierehospitaal</b>
Beef: 2, Sheep: 2

<b>Free State</b>									
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<b>Bethlehem, Bethlehem Animal Hospital</b>
Beef: 2

<b>Frankfort, Frankfort Dierekliniek</b>
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Beef: 3
<b>Memel, Memel Veterinary Clinic</b>
Beef: 2, Sheep: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 1, Sheep: 1
<b>Vrede, Vrede Dierehospitaal</b>
Beef: 1
<b>Kwazulu-Natal</b>
<b>Camperdown, Camperdown Vet Clinic</b>
Beef: 1
<b>Vryheid, Dr GH Theron</b>
Beef: 2
<b>Eastern Cape</b>
<b>Aliwal North, Uitspan C Troskie</b>
Sheep: 2
<b>Queenstown, Queenstown Veterinary clinic</b>
Beef: 3, Sheep: 3
<b>Somerset East, Bosberg Veterinary Clinic</b>
Beef: 1

Conical Flukes									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)		2.0 (1)	2.0 (1)	2.2 (5)	1.3 (3)	1.0 (1)		

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

<b>Beef</b>	1.0 (1)		2.0 (1)		2.2 (5)	1.3 (3)	1.0 (1)		
<b>Sheep</b>	2.0 (1)			2.0 (1)					

<b>Mpumalanga</b>
<b>Balfour, Balfour Dierekliniek</b>
Beef: 1
<b>Standerton, Econovet</b>
Sheep: 2
<b>Limpopo</b>
<b>Mokopane, Dr Henk Visser</b>
Beef: 2
<b>North West</b>
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Sheep: 2
Adult conical flukes in rumen of sheep and game
<b>Free State</b>
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 3
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2
<b>Vrede, Saulshoek Dierepraktyk</b>
Beef: 2
Adults, few cases where slight diarrhoea was seen
<b>Winburg, Winburg Dierekliniek</b>

Beef: 2
<b>Zastron, Zastron Dierekliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Bergville, Tugela Vet Clinic</b>
Beef: 1
<b>Camperdown, Camperdown Vet Clinic</b>
Beef: 1
<b>Vryheid, Dr GH Theron</b>
Beef: 2
<b>Eastern Cape</b>
<b>Somerset East, Bosberg Veterinary Clinic</b>
Beef: 1

## Cysticercosis ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	3.0 (1)	2.5 (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

<b>Beef</b>	3.0 (1)	2.0 (1)				2.0 (1)		2.0 (1)	
<b>Sheep</b>								2.0 (1)	
<b>Goat</b>		3.0 (1)							

<b>Mpumalanga</b>
<b>Nelspruit, Nelspruit Animal Hospital</b>
Beef: 3
Abattoir ex feedlots
<b>Gauteng</b>
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>
Beef: 2
<b>Nigel, Welgelegen Dierekliniek</b>
Goat: 3
Taenia hydatigena
<b>Kwazulu-Natal</b>
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>
Beef: 2
<b>Western Cape</b>
<b>George, George Animal Hospital</b>
Sheep: 2
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Beef: 2

## External Parasites

### Blue ticks ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.8 (5)		2.5 (2)	2.0 (1)	2.2 (12)	2.5 (10)	1.6 (5)	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

<b>Beef</b>	1.8 (4)		2.5 (2)	2.0 (1)	2.1 (8)	2.3 (6)	1.3 (3)	2.8 (5)
<b>Dairy</b>	2.0 (1)				2.0 (1)	3.0 (1)	2.0 (1)	2.0 (1)
<b>Sheep</b>					2.5 (2)	3.0 (1)	2.0 (1)	1.0 (1)
<b>Goat</b>					2.0 (1)	2.5 (2)		

### **Mpumalanga**

#### **Balfour, Balfour Dierekliniek**

Beef: 1

#### **Lydenburg, Lydenburg Dieresprekkamer**

Beef: 2

#### **Middelburg, Middelburg Dierehospitaal**

Beef: 2

Season started early. Many ticks in spite of absence of rain

#### **Nelspruit, Nelspruit Animal Hospital**

Beef: 2

Blue ticks becoming active

Dairy: 2

### **Limpopo**

#### **Machado, Blouberg Dierekliniek**

Beef: 3

#### **Mokopane, Dr Henk Visser**

Beef: 2

### **North West**

#### **Vryburg, Vryburg Dierehospitaal**

Beef: 2

### **Free State**

#### **Bethlehem, Bethlehem Animal Hospital**

Beef: 3

#### **Bloemfontein, Dr Stephan Wessels**

Beef: 2

#### **Clocolan, Clocolan Dierekliniek**

Beef: 2

#### **Frankfort, Frankfort Dierekliniek**

Beef: 3

#### **Hoopstad, Hoopstad Dierekliniek**

Beef: 2, Sheep: 3

#### **Kroonstad, Kroonstad Dierehospitaal**

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

#### **Memel, Memel Veterinary Clinic**

Beef: 2

#### **Winburg, Winburg Dierekliniek**

Beef: 1

### **Kwazulu-Natal**

#### **Bergville, Bergville Veterinary Clinic**

Beef: 2

#### **Bergville, Tugela Vet Clinic**

Beef: 2, Goat: 2

#### **Dundee, Endumeni Herd health**

Beef: 2

#### **Mooi River, Mooirivier Vet Clinic**

Beef: 3, Dairy: 3

#### **Mtubatuba, Mtubatuba Animal Clinic**



Beef: 2
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>
Beef: 3, Sheep: 3, Goat: 3
<b>Eastern Cape</b>
<b>Alexandria, Alexandria Platteland Spreekkamer</b>
Beef: 1
<b>Aliwal North, Uitspan C Troskie</b>
Beef: 2, Sheep: 2
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Beef: 1, Dairy: 2
<b>Western Cape</b>
<b>Caledon, Overberg Veterinary Hospital</b>
Beef: 3
<b>George, George Animal Hospital</b>
Beef: 3
<b>Heidelberg WC, Heidelberg Dierekliniek</b>
Dairy: 2
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Beef: 3
<b>Oudtshoorn, Oudtshoorn Dierekliniek</b>
Beef: 2
In the past 2 weeks there had been an explosion of ticks especially Boophilus both on animals and seen on veld grass.
Sheep: 1
<b>Riversdal, Riversdal Dierekliniek</b>
Beef: 3

### Resistant blue Ticks ^

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

<b>Beef</b>			1.0 (1)			2.0 (1)			
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<b>Limpopo</b>
<b>Tzaneen, Tzaneen Dierekliniek</b>
Beef: 1
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 2

### Heartwater (Bont) ticks ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)	2.0 (1)	2.3 (4)	3.0 (1)		2.0 (8)	1.3 (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

<b>Beef</b>	1.5 (2)		2.5 (2)	3.0 (1)		2.0 (5)	1.0 (2)	3.0 (1)	
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Dairy						2.0 (1)
Sheep	2.0 (1)	2.0 (1)			2.0 (1)	
Goat		2.0 (1)			2.0 (2)	

<b>Mpumalanga</b>						
<b>Balfour, Balfour Dierekliniek</b>						
Beef: 1						
<b>Nelspruit, Nelspruit Animal Hospital</b>						
Beef: 2						
<b>Gauteng</b>						
<b>Pretoria, Anima Veterinary Consulting Rooms</b>						
Sheep: 2						
<b>Limpopo</b>						
<b>Bela-Bela, Warmbad Dierekliniek</b>						
Beef: 3						
<b>Mokopane, Dr Henk Visser</b>						
Beef: 2, Sheep: 2, Goat: 2						
<b>North West</b>						
<b>Brits, Brits Dierekliniek</b>						
Beef: 3						
<b>Kwazulu-Natal</b>						
<b>Bergville, Bergville Veterinary Clinic</b>						
Beef: 2						
<b>Dundee, Endumeni Herd health</b>						
Beef: 2, Sheep: 2						
<b>Dundee, Mpati Veterinary Clinic</b>						
Beef: 2						
<b>Mtubatuba, Mtubatuba Animal Clinic</b>						
Beef: 2, Goat: 2						
<b>Pongola, Pongola Animal Clinic</b>						
Beef: 2, Goat: 2						
<b>Eastern Cape</b>						
<b>Alexandria, Alexandria Platteland Spreekkamer</b>						
Beef: 1						
<b>Uitenhage, Uitenhage Dierehospitaal</b>						
Beef: 1, Dairy: 2						
<b>Western Cape</b>						
<b>Riversdal, Riversdal Dierekliniek</b>						
Beef: 3						
Many ticks in Herbertsdale brought in from outside area.						

<b>Brown ear-ticks</b>									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>			1.0 (1)		2.0 (1)	3.0 (1)	1.0 (1)		

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

<b>Beef</b>			1.0 (1)		2.0 (1)	3.0 (1)			
<b>Dairy</b>							1.0 (1)		

<b>Limpopo</b>									
<b>Tzaneen, Tzaneen Dierekliniek</b>									

Beef: 1
<b>Free State</b>
<b>Winburg, Winburg Dierekliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>
Beef: 3
<b>Eastern Cape</b>
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Dairy: 1

<b>Bont-legged ticks</b>									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)	2.0 (1)		2.3 (3)	2.1 (14)	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

<b>Beef</b>	1.0 (1)			2.3 (3)	2.1 (11)	2.0 (1)		3.0 (1)	
<b>Dairy</b>					2.0 (2)				
<b>Sheep</b>		2.0 (1)			3.0 (1)			2.0 (1)	

<b>Mpumalanga</b>
<b>Balfour, Balfour Dierekliniek</b>
Beef: 1
<b>Gauteng</b>
<b>Pretoria, Anima Veterinary Consulting Rooms</b>
Sheep: 2
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 3
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Beef: 2
<b>Vryburg, Vryburg Dierehospitaal</b>
Beef: 2
<b>Free State</b>
<b>Bloemfontein, Dr Stephan Wessels</b>
Beef: 2
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 2
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 3
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3, Sheep: 3
<b>Kroonstad, Kroonstad Dierehospitaal</b>
Beef: 3, Dairy: 3
<b>Memel, Memel Veterinary Clinic</b>
Beef: 2
<b>Parys, Parys Dierehospitaal</b>
Beef: 1, Dairy: 1
<b>Viljoenskroon, Viljoenskroon Dierekliniek</b>

Beef: 1
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 2
<b>Wesselsbron, Wesselsbron Dierekliniek</b>
Beef: 2
<b>Winburg, Winburg Dierekliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Dundee, Mpati Veterinary Clinic</b>
Beef: 2
<b>Western Cape</b>
<b>Beaufort West, Beaufort West State Vet</b>
Sheep: 2
Seen during routine ram tests
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Beef: 3

Red-legged ticks									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (2)		2.0 (1)	3.0 (2)	2.7 (6)	3.0 (3)		2.0 (2)	

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

<b>Beef</b>	1.0 (1)		2.0 (1)	3.0 (2)	2.7 (3)	3.0 (1)		2.0 (2)	
<b>Dairy</b>					3.0 (1)				
<b>Sheep</b>	1.0 (1)				2.5 (2)	3.0 (1)			
<b>Goat</b>						3.0 (1)			

<b>Mpumalanga</b>
<b>Balfour, Balfour Dierekliniek</b>
Beef: 1, Sheep: 1
<b>Limpopo</b>
<b>Bela-Bela, Warmbad Dierekliniek</b>
Beef: 2
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 3
<b>Schweizer-Reneke, NJ Heyns</b>
Beef: 3
<b>Free State</b>
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3, Sheep: 3
<b>Kroonstad, Kroonstad Dierehospitaal</b>
Beef: 3, Dairy: 3
<b>Memel, Memel Veterinary Clinic</b>
Beef: 2
<b>Parys, Parys Dierehospitaal</b>
Sheep: 2
<b>Kwazulu-Natal</b>
<b>Dundee, Mpati Veterinary Clinic</b>
Beef: 3, Sheep: 3, Goat: 3
<b>Western Cape</b>

Caledon, Overberg Veterinary Hospital									
Beef: 3									
Oudtshoorn, Ostrimed									
Beef: 1									
Paralysis ticks									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					1.5 (4)				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>					1.0 (1)				
<b>Sheep</b>					1.7 (3)				
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 1									
Harrismith, Harrismith Dierehospitaal									
Sheep: 1									
A few weaner lambs partially lame. Heavy red-legged tick infestation. Spring lamb paralysis.									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 2									
Vrede, Vrede Dierehospitaal									
Sheep: 2									
Biting lice (red lice)									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)			2.0 (4)	2.1 (15)	1.0 (1)	3.0 (1)	2.0 (3)	3.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	1.0 (1)			2.0 (4)	2.2 (9)		3.0 (1)	2.5 (2)	3.0 (1)
<b>Dairy</b>					2.0 (1)				
<b>Sheep</b>					2.0 (4)	1.0 (1)		1.0 (1)	
<b>Goat</b>					2.0 (1)				
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 3									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 2									
Schweizer-Reneke, NJ Heyns									
Beef: 1									
Vryburg, Vryburg Dierehospitaal									
Beef: 2									

Free State									
<b>Bethlehem, Bethlehem Animal Hospital</b>									
Beef: 3									
<b>Bloemfontein, Dr Stephan Wessels</b>									
Beef: 3									
<b>Bultfontein, Greylingrust Dierspreekkamer</b>									
Beef: 1									
<b>Clocolan, Clocolan Dierekliniek</b>									
Beef: 3, Sheep: 3									
<b>Frankfort, Frankfort Dierekliniek</b>									
Beef: 2									
<b>Harrismith, Harrismith Dierehospitaal</b>									
Beef: 2									
Numerous cases seen with severe hair loss and skin irritation.									
<b>Kroonstad, Kroonstad Dierehospitaal</b>									
Beef: 2, Dairy: 2, Sheep: 2, Goat: 2									
<b>Parys, Parys Dierehospitaal</b>									
Beef: 2, Sheep: 2									
<b>Reitz, Riemland Dierekliniek</b>									
Sheep: 1									
<b>Zastron, Zastron Dierekliniek</b>									
Beef: 2									
Kwazulu-Natal									
<b>Bergville, Tugela Vet Clinic</b>									
Sheep: 1									
Eastern Cape									
<b>Middelburg (EC), Steynsburg Dierehospitaal</b>									
Beef: 3									
Western Cape									
<b>Beaufort West, Beaufort West State Vet</b>									
Beef: 2									
Farmers not used to treating of cattle.									
Sheep: 1									
Meatmasters									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Beef: 3									
Long hair, cold winter									
Northern Cape									
<b>Kimberley, Kimberley Dierekliniek</b>									
Beef: 3									
Sucking lice (blue lice)									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	3.0 (1)			2.0 (4)	2.4 (9)		2.5 (2)	3.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	3.0 (1)			2.0 (4)	2.4 (7)		2.5 (2)	3.0 (1)	
<b>Sheep</b>					2.5 (2)				
Mpumalanga									
<b>Standerton, Econovet</b>									

Beef: 3
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 3
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Beef: 2
<b>Schweizer-Reneke, NJ Heyns</b>
Beef: 1
<b>Vryburg, Vryburg Dierehospitaal</b>
Beef: 2
<b>Free State</b>
<b>Bloemfontein, Dr Stephan Wessels</b>
Beef: 3
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 3, Sheep: 3
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 2
<b>Memel, Memel Veterinary Clinic</b>
Beef: 2
<b>Parys, Parys Dierehospitaal</b>
Beef: 3, Sheep: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2
<b>Zastron, Zastron Dierekliniek</b>
Beef: 2
<b>Eastern Cape</b>
<b>Middelburg (EC), Steynsburg Dierehospitaal</b>
Beef: 3
<b>Queenstown, Queenstown Veterinary clinic</b>
Beef: 2
<b>Western Cape</b>
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Beef: 3
Long hair, cold winter

<b>Scab mites</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					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

<b>Sheep</b>					3.0 (1)	2.0 (1)			
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<b>Free State</b>
<b>Clocolan, Clocolan Dierekliniek</b>
Sheep: 3
<b>Kwazulu-Natal</b>
<b>Vryheid, Dr GH Theron</b>
Sheep: 2

<b>Mange Mites</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (1)	3.0 (1)			3.0 (1)	2.0 (1)	1.0 (1)	1.0 (1)	3.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	2.0 (1)				3.0 (1)	2.0 (1)	1.0 (1)	1.0 (1)	
<b>Sheep</b>		3.0 (1)							3.0 (1)

<b>Mpumalanga</b>									
<b>Bethal, Bethal Dierekliniek</b>									
Beef: 2									
<b>Gauteng</b>									
<b>Pretoria, Anima Veterinary Consulting Rooms</b>									
Sheep: 3									
Itch mites - advocated 2 injections (7 to 10 days apart) with a macrocyclic lactone.									
<b>Free State</b>									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 3									
<b>Kwazulu-Natal</b>									
<b>Bergville, Tugela Vet Clinic</b>									
Beef: 2									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Beef: 1									
<b>Western Cape</b>									
<b>Beaufort West, Beaufort West State Vet</b>									
Beef: 1									
Seen in Buffalo									
<b>Northern Cape</b>									
<b>Kimberley, Kimberley Dierekliniek</b>									
Sheep: 3									

<b>Nuisance Flies</b>									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (2)			2.0 (2)	2.5 (8)	2.5 (2)		1.0 (3)	

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

<b>Beef</b>	1.0 (1)			2.0 (2)	2.7 (3)	2.5 (2)		1.0 (1)	
<b>Dairy</b>					2.5 (2)				
<b>Sheep</b>	1.0 (1)				2.5 (2)			1.0 (1)	
<b>Goat</b>					2.0 (1)			1.0 (1)	

<b>Mpumalanga</b>									
<b>Balfour, Balfour Dierekliniek</b>									
Beef: 1, Sheep: 1									
<b>North West</b>									
<b>Stella, Stella Dierekliniek</b>									
Beef: 3									
<b>Vryburg, Vryburg Dierehospitaal</b>									



Beef: 1
<b>Free State</b>
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 3
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3, Dairy: 3, Sheep: 3
<b>Kroonstad, Kroonstad Dierehospitaal</b>
Dairy: 2, Sheep: 2, Goat: 2
<b>Winburg, Winburg Dierekliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 3
<b>Dundee, Endumeni Herd health</b>
Beef: 2
<b>Western Cape</b>
<b>Oudtshoorn, Ostrimed</b>
Beef: 1, Sheep: 1, Goat: 1

<b>Blowflies</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (2)				2.0 (4)		1.0 (1)	2.0 (3)	

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

<b>Beef</b>	1.0 (1)				1.0 (1)				
<b>Dairy</b>								2.0 (1)	
<b>Sheep</b>	1.0 (1)				2.3 (3)		1.0 (1)	2.0 (2)	

<b>Mpumalanga</b>
<b>Balfour, Balfour Dierekliniek</b>
Beef: 1, Sheep: 1
<b>Free State</b>
<b>Bultfontein, Greylingrust Dierespreekkamer</b>
Beef: 1
<b>Hoopstad, Hoopstad Dierekliniek</b>
Sheep: 2
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>
Sheep: 2
<b>Winburg, Winburg Dierekliniek</b>
Sheep: 3
<b>Eastern Cape</b>
<b>Aliwal North, Uitspan C Troskie</b>
Sheep: 1
<b>Western Cape</b>
<b>Heidelberg WC, Heidelberg Dierekliniek</b>
Sheep: 3
<b>Malmesbury, Bergzicht Dierehospitaal</b>
Dairy: 2, Sheep: 1

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

#### Free State

##### Reitz, Riemland Dierekliniek

Sheep: 2

#### Kwazulu-Natal

##### Bergville, Tugela Vet Clinic

Sheep: 1

#### Western Cape

##### Malmesbury, Dr Otto Kriek

Sheep: 3

### Nasal bot larvae



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					3.0 (2)	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									
<b>Sheep</b>					3.0 (2)	1.7 (3)			

#### Free State

##### Hoopstad, Hoopstad Dierekliniek

Sheep: 3

##### Reitz, Riemland Dierekliniek

Sheep: 3

#### Kwazulu-Natal

##### Bergville, Tugela Vet Clinic

Sheep: 1

##### Mooi River, Mooirivier Vet Clinic

Sheep: 3

##### Mtubatuba, Mtubatuba Animal Clinic

Sheep: 1

### Midges



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)			2.0 (1)	2.0 (2)			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									
<b>Beef</b>	1.0 (1)			2.0 (1)	2.0 (1)			2.3 (3)	
<b>Sheep</b>					2.0 (1)			1.0 (1)	
<b>Goat</b>								1.0 (1)	

<b>Mpumalanga</b>
<b>Balfour, Balfour Dierekliniek</b>
Beef: 1
<b>North West</b>
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Beef: 2
<b>Free State</b>
<b>Wesselsbron, Wesselsbron Dierekliniek</b>
Beef: 2, Sheep: 2
<b>Western Cape</b>
<b>Malmesbury, Dr Otto Kriek</b>
Beef: 3
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Beef: 3
<b>Oudtshoorn, Ostrimed</b>
Beef: 1, Sheep: 1, Goat: 1

## Tick-borne Diseases

African red water									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.8 (5)				1.5 (2)	1.6 (7)	1.8 (5)	2.3 (3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	1.8 (5)				1.5 (2)	1.6 (7)	1.7 (3)	2.5 (2)	
<b>Dairy</b>							2.0 (2)	2.0 (1)	

<b>Mpumalanga</b>
<b>Grootvlei, Grootvlei Dierekliniek</b>
Beef: 2
<b>Lydenburg, Lydenburg Dieresprekkamer</b>
Beef: 2
<b>Middelburg, Middelburg Dierehospitaal</b>
Beef: 2
Season started early. Many ticks in spite of absence of rain
<b>Nelspruit, Nelspruit Animal Hospital</b>
Beef: 2
<b>Piet Retief, Pets Vet Hospital</b>
Beef: 1
<b>Free State</b>
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 2
<b>Harrismith, Harrismith Dierehospitaal</b>
Beef: 1
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 2
<b>Bergville, Tugela Vet Clinic</b>
Beef: 1
<b>Dundee, Endumeni Herd health</b>
Beef: 2

<b>Dundee, Mpati Veterinary Clinic</b>
Beef: 1
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 2
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>
Beef: 2
<b>Pongola, Pongola Animal Clinic</b>
Beef: 1
<b>Eastern Cape</b>
<b>Alexandria, Alexandria Platteland Spreekkamer</b>
Beef: 1
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Beef: 3, Dairy: 2
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Beef: 1, Dairy: 2
<b>Western Cape</b>
<b>George, George Animal Hospital</b>
Beef: 3
Seasonal peak
<b>Heidelberg WC, Heidelberg Dierekliniek</b>
Dairy: 2
<b>Riversdal, Riversdal Dierekliniek</b>
Beef: 2

<b>Asiatic red water</b>									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (4)	1.7 (3)			2.0 (3)	1.8 (5)		1.0 (1)	

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

<b>Beef</b>	1.5 (4)	1.5 (2)			2.0 (3)	1.8 (5)		1.0 (1)	
<b>Dairy</b>		2.0 (1)							

<b>Mpumalanga</b>
<b>Ermelo, Joubertstraat Dierekliniek</b>
Beef: 1
<b>Ermelo, Moregloed Veterinere Spreekkamer</b>
Beef: 2
Asiatic red water outbreak in one herd, 4 out of 50 sick, 3 died.
<b>Lydenburg, Lydenburg Diersprekkamer</b>
Beef: 2
<b>Middelburg , Middelburg Dierehospitaal</b>
Beef: 1
Season started early. Many ticks in spite of absence of rain
<b>Gauteng</b>
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>
Dairy: 2
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>
Beef: 2
<b>Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic</b>
Beef: 1
<b>Free State</b>

<b>Frankfort, Frankfort Dierekliniek</b>									
Beef: 2									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 2									
<b>Vrede, Vrede Dierehospitaal</b>									
Beef: 2									
Two outbreaks									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 2									
<b>Bergville, Tugela Vet Clinic</b>									
Beef: 2									
<b>Camperdown, Camperdown Vet Clinic</b>									
Beef: 1									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Beef: 3									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Beef: 1									
<b>Western Cape</b>									
<b>George, George Animal Hospital</b>									
Beef: 1									
<b>Anaplasmosis</b>									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (2)	1.0 (1)	2.0 (1)	2.0 (3)	1.8 (13)	2.0 (4)	1.7 (3)	1.9 (7)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	1.0 (2)	1.0 (1)	2.0 (1)	2.0 (3)	1.7 (11)	2.0 (4)	1.5 (2)	1.8 (6)	
<b>Dairy</b>					2.0 (2)		2.0 (1)	2.0 (1)	
<b>Mpumalanga</b>									
<b>Balfour, Balfour Dierekliniek</b>									
Beef: 1									
<b>Lydenburg, Lydenburg Dieresprekkamer</b>									
Beef: 1									
<b>Gauteng</b>									
<b>Pretoria, Anima Veterinary Consulting Rooms</b>									
Beef: 1									
<b>Limpopo</b>									
<b>Machado, Blouberg Dierekliniek</b>									
Beef: 2									
<b>North West</b>									
<b>Christiana, Christiana Dierehospitaal</b>									
Beef: 3									
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>									
Beef: 2									
<b>Vryburg, Vryburg Dierehospitaal</b>									
Beef: 1									
<b>Free State</b>									

<b>Bethlehem, Bethlehem Animal Hospital</b>
Beef: 1
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 2
<b>Ficksburg, Ficksburg Dierekliniek</b>
Beef: 1
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3
<b>Kroonstad, Kroonstad Dierehospitaal</b>
Beef: 2
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>
Beef: 1, Dairy: 2
<b>Memel, Memel Veterinary Clinic</b>
Beef: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2, Dairy: 2
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 1
<b>Winburg, Winburg Dierekliniek</b>
Beef: 2
<b>Zastron, Zastron Dierekliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 3
<b>Bergville, Tugela Vet Clinic</b>
Beef: 1
<b>Underberg, Underberg Veterinary Surgery</b>
Beef: 2
<b>Vryheid, Dr GH Theron</b>
Beef: 2
<b>Eastern Cape</b>
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Dairy: 2
<b>Queenstown, Queenstown Veterinary clinic</b>
Beef: 1
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Beef: 2
<b>Western Cape</b>
<b>Beaufort West, Beaufort West State Vet</b>
Beef: 1
<b>Ceres, Ceres Veterinary Hospital</b>
Beef: 2
<b>Malmesbury, Bergzicht Dierehospitaal</b>
Dairy: 2
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Beef: 3
<b>Plettenberg Bay, Plettenberg Bay A Reitz</b>
Beef: 1
<b>Riversdal, Riversdal Dierekliniek</b>
Beef: 3
<b>Vredenburg, Vredenburg Dierehospitaal</b>
Beef: 1
Bull died

## Heartwater ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>	1.7 (3)	1.5 (4)	2.0 (3)	2.5 (2)		1.8 (6)	1.5 (4)		
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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

<b>Beef</b>	1.5 (2)	1.5 (2)	2.0 (1)	2.0 (1)		1.7 (3)	2.0 (1)		
<b>Dairy</b>							2.0 (1)		
<b>Sheep</b>		1.5 (2)	2.0 (1)	3.0 (1)			1.0 (1)		
<b>Goat</b>	2.0 (1)		2.0 (1)			2.0 (3)	1.0 (1)		

Mpumalanga
<b>Lydenburg, Lydenburg Dieresprekkamer</b>
Beef: 1
<b>Middelburg , Middelburg Dierehospitaal</b>
Beef: 2
<b>Nelspruit, Nelspruit Animal Hospital</b>
Goat: 2
Gauteng
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>
Sheep: 2
<b>Pretoria, Anima Veterinary Consulting Rooms</b>
Sheep: 1
<b>Pretoria, Idexx Lab. OP</b>
Beef: 1
<b>Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic</b>
Beef: 2
Limpopo
<b>Machado, Blouberg Dierekliniek</b>
Beef: 2, Sheep: 2, Goat: 2
North West
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Sheep: 3
Adjacent to game farms, 30 sheep died.
<b>Rustenburg, Protea Dierekliniek</b>
Beef: 2
Kwazulu-Natal
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 1
<b>Dundee, Endumeni Herd health</b>
Goat: 2
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 2
<b>Pongola, Pongola Animal Clinic</b>
Goat: 2
<b>Vryheid, Dr GH Theron</b>
Beef: 2, Goat: 2
Eastern Cape
<b>Alexandria, Alexandria Platteland Spreekkamer</b>
Goat: 1
<b>Somerset East, Bosberg Veterinary Clinic</b>

Sheep: 1									
Uitenhage, Uitenhage Dierehospitaal									
Beef: 2, Dairy: 2									
Sweating Sickness									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)		1.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.0 (1)		1.0 (1)		
Free State									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 1									
Eastern Cape									
Uitenhage, Uitenhage Dierehospitaal									
Beef: 1									
Corridor disease									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						1.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef						1.0 (1)			
Kwazulu-Natal									
Camperdown, Camperdown Vet Clinic									
Beef: 1									
Theileriosis (B 1)									
Insect Transmittable Diseases									
Lumpy skin disease									<a href="#">^</a>
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)	1.8 (4)	2.0 (1)	2.0 (5)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)		3.0 (1)		2.0 (1)	1.7 (3)	2.0 (1)	2.0 (3)	
Dairy						2.0 (1)		2.0 (2)	
Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Beef: 1									
Limpopo									
Machado, Blouberg Dierekliniek									



Beef: 3
Severe blue tick infestation
<b>Free State</b>
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 2
<b>Bergville, Tugela Vet Clinic</b>
Beef: 1
<b>Estcourt, Estcourt Vet Clinic</b>
Dairy: 2
<b>Mooi River, Mooirivier Vet Clinic</b>
Beef: 2
<b>Eastern Cape</b>
<b>Alexandria, Alexandria Platteland Spreekkamer</b>
Beef: 2
Vaccinations too late
<b>Western Cape</b>
<b>Heidelberg WC, Heidelberg Dierekliniek</b>
Dairy: 3
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Beef: 1
<b>Oudtshoorn, Ostrimed</b>
Beef: 2
Now frequent calls from farmers observing similar lesions on animals grazing reeds in Olifants river.
<b>Stellenbosch, Stellenbosch Animal Hospital</b>
Beef: 3, Dairy: 1

Three-day-stiffsickness									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					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

<b>Beef</b>					1.0 (1)				
<b>Dairy</b>							2.0 (1)		

<b>Free State</b>
<b>Reitz, Riemland Dierekliniek</b>
Beef: 1
<b>Eastern Cape</b>
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>
Dairy: 2

Blue tongue									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		1.0 (1)				1.0 (1)	1.0 (1)	3.0 (1)	

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

<b>Sheep</b>	1.0 (1)	1.0 (1)	1.0 (1)	3.0 (1)
<b>Gauteng</b>				
<b>Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic</b>				
Sheep: 1				
<b>Kwazulu-Natal</b>				
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>				
Sheep: 1				
<b>Eastern Cape</b>				
<b>Graaff-Reinet, Camdeboo Veterinary Clinic</b>				
Sheep: 1				
<b>Western Cape</b>				
<b>Heidelberg WC, Heidelberg Dierekliniek</b>				
Sheep: 3				

## Venereal Diseases

Trichomonosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.2 (6)		3.0 (1)	2.3 (3)	2.1 (17)	2.7 (3)	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

<b>Beef</b>	2.2 (6)		3.0 (1)	2.3 (3)	2.1 (16)	2.7 (3)	2.0 (2)		2.0 (1)
<b>Dairy</b>					2.0 (1)				

<b>Mpumalanga</b>									
<b>Ermelo, Joubertstraat Dierekliniek</b>									
Beef: 2									
<b>Ermelo, Moregloed Veterinere Spreekkamer</b>									
Beef: 3									
Most animals affected since practising in Ermelo.									
<b>Grootvlei, Grootvlei Dierekliniek</b>									
Beef: 2									
One herd 35 bulls tested, 6 positive									
<b>Lydenburg, Lydenburg Dierspreekkamer</b>									
Beef: 2									
<b>Piet Retief, Pets Vet Hospital</b>									
Beef: 1									
<b>Standerton, Econovet</b>									
Beef: 3									
<b>Limpopo</b>									
<b>Polokwane, Pietersburg Veterinary Clinic</b>									
Beef: 3									
<b>North West</b>									
<b>Christiana, Christiana Dierehospitaal</b>									
Beef: 1									
<b>Stella, Stella Dierekliniek</b>									

Beef: 3

**Vryburg, Vryburg Dierehospitaal**

Beef: 3

**Free State**

**Bloemfontein, Dr Stephan Wessels**

Beef: 2

2 Bulls in Brandfort; 2 in Wepener

**Clocolan, Clocolan Dierekliniek**

Beef: 2, Dairy: 2

**Ficksburg, Ficksburg Dierekliniek**

Beef: 3

**Frankfort, Frankfort Dierekliniek**

Beef: 3

**Harrismith, Harrismith Dierehospitaal**

Beef: 2

**Hoopstad, Hoopstad Dierekliniek**

Beef: 3

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 2

**Ladybrand, Ladybrand / Excelsior Dierekliniek**

Beef: 1

**Memel, Memel Veterinary Clinic**

Beef: 1

**Parys, Parys Dierehospitaal**

Beef: 1

**Reitz, Riemland Dierekliniek**

Beef: 2

**Viljoenskroon, Viljoenskroon Dierekliniek**

Beef: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 3

**Vrede, Saulshoek Dierepraktik**

Beef: 1

**Vrede, Vrede Dierehospitaal**

Beef: 2

**Winburg, Winburg Dierekliniek**

Beef: 3

Of bulls tested a third were positive. Sheath washes were tested at Pathcare (PCR)

**Kwazulu-Natal**

**Dundee, Endumeni Herd health**

Beef: 3

**Dundee, Mpati Veterinary Clinic**

Beef: 2

**Vryheid, Dr GH Theron**

Beef: 3

**Eastern Cape**

**Aliwal North, Uitspan C Troskie**

Beef: 2

**Somerset East, Bosberg Veterinary Clinic**

Beef: 2

**Northern Cape**

**Kimberley, Kimberley Dierekliniek**

Beef: 2

Vibriosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)			3.0 (2)	1.9 (9)		2.0 (2)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.0 (1)			3.0 (2)	1.9 (9)		2.0 (1)		
Dairy							2.0 (1)		
<b>Mpumalanga</b>									
<b>Grootvlei, Grootvlei Dierekliniek</b>									
Beef: 2									
One herd 35 bulls tested, 2 positive									
<b>North West</b>									
<b>Stella, Stella Dierekliniek</b>									
Beef: 3									
<b>Vryburg, Vryburg Dierehospitaal</b>									
Beef: 3									
<b>Free State</b>									
<b>Bloemfontein, Dr Stephan Wessels</b>									
Beef: 2									
2 Bulls in Wepener; 2 in Reddersburg									
<b>Bothaville, Cape Cross Bothaville Veterinary Hospital</b>									
Beef: 2									
<b>Clocolan, Clocolan Dierekliniek</b>									
Beef: 2									
<b>Dewetsdorp, Platkop Dierekliniek</b>									
Beef: 2									
<b>Ficksburg, Ficksburg Dierekliniek</b>									
Beef: 3									
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>									
Beef: 1									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 1									
<b>Viljoenskroon, Viljoenskroon Dierekliniek</b>									
Beef: 1									
<b>Winburg, Winburg Dierekliniek</b>									
Beef: 3									
<b>Eastern Cape</b>									
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>									
Dairy: 2									
<b>Queenstown, Queenstown Veterinary clinic</b>									
Beef: 2									
Pizzle 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

<b>Sheep</b>									1.0 (1)
<b>Western Cape</b>									
<b>Beaufort West, Beaufort West State Vet</b>									
Sheep: 1									
<b>Bacterial Disease (other)</b>									
<b>Other</b>									<a href="#">^</a>
<b>PROVINCE</b>	<b>Mpumalanga</b>	<b>Gauteng</b>	<b>Limpopo</b>	<b>North West</b>	<b>Free State</b>	<b>Kwazulu-Natal</b>	<b>Eastern Cape</b>	<b>Western Cape</b>	<b>Northern Cape</b>
<b>Average</b>	2.0 (1)	2.0 (1)						1.0 (1)	

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

<b>Beef</b>	2.0 (1)								
<b>Sheep</b>		2.0 (1)						1.0 (1)	

<b>Mpumalanga</b>									
<b>Bethal, Bethal Dierekliniek</b>									
Beef: 2									
<b>Gauteng</b>									
<b>Pretoria, Idexx Lab. OP</b>									
Sheep: 2									
Coxiella - Q-fever									
<b>Western Cape</b>									
<b>Stellenbosch, Provincial Veterinary Laboratory</b>									
Sheep: 1									
Mannheimia haemolytica was isolated from udder, pleura and lung samples from a sheep carcass for Moorreesburg that presented with signs of a severe bacteraemia.									

<b>Blackquarter</b>									<a href="#">^</a>
<b>PROVINCE</b>	<b>Mpumalanga</b>	<b>Gauteng</b>	<b>Limpopo</b>	<b>North West</b>	<b>Free State</b>	<b>Kwazulu-Natal</b>	<b>Eastern Cape</b>	<b>Western Cape</b>	<b>Northern Cape</b>
<b>Average</b>		1.0 (1)		2.0 (1)	1.9 (11)	1.7 (7)	1.3 (3)	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

<b>Beef</b>		1.0 (1)		2.0 (1)	1.9 (11)	1.8 (5)	1.0 (1)	1.0 (1)	1.0 (1)
<b>Dairy</b>						2.0 (1)	2.0 (1)		
<b>Sheep</b>							1.0 (1)		
<b>Goat</b>						1.0 (1)			

<b>Gauteng</b>									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Beef: 1									
<b>North West</b>									
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>									

Beef: 2									
Seven animals that had been bought, died.									
<b>Free State</b>									
<b>Bethlehem, Bethlehem Animal Hospital</b>									
Beef: 2									
<b>Clocolan, Clocolan Dierekliniek</b>									
Beef: 3									
<b>Frankfort, Frankfort Dierekliniek</b>									
Beef: 2									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 1									
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>									
Beef: 3									
<b>Memel, Memel Veterinary Clinic</b>									
Beef: 1									
<b>Parys, Parys Dierehospitaal</b>									
Beef: 1									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 2									
<b>Viljoenskroon, Viljoenskroon Dierekliniek</b>									
Beef: 1									
<b>Villiers, Wilgepoort Dierekliniek Venootskap</b>									
Beef: 2									
<b>Winburg, Winburg Dierekliniek</b>									
Beef: 3									
<b>Kwazulu-Natal</b>									
<b>Bergville, Tugela Vet Clinic</b>									
Beef: 2									
<b>Estcourt, Estcourt Vet Clinic</b>									
Beef: 1									
<b>Pongola, Pongola Animal Clinic</b>									
Beef: 1, Goat: 1									
<b>Underberg, Underberg Veterinary Surgery</b>									
Beef: 3									
Beef weaners not vaccinated									
<b>Vryheid, Dr GH Theron</b>									
Beef: 2, Dairy: 2									
<b>Eastern Cape</b>									
<b>Aliwal North, Uitspan C Troskie</b>									
Beef: 1, Sheep: 1									
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>									
Dairy: 2									
<b>Western Cape</b>									
<b>Oudtshoorn, Ostrimed</b>									
Beef: 1									
<b>Northern Cape</b>									
<b>De Aar, De Aar Veterinary Clinic</b>									
Beef: 1									
Expensive bull died of gasgangrene									
<b>Pulpy Kidney</b>									<a href="#">^</a>
<b>PROVINCE</b>	<b>Mpumalanga</b>	<b>Gauteng</b>	<b>Limpopo</b>	<b>North West</b>	<b>Free State</b>	<b>Kwazulu-Natal</b>	<b>Eastern Cape</b>	<b>Western Cape</b>	<b>Northern Cape</b>

<b>Average</b>	2.0 (1)	1.0 (1)		2.3 (3)	1.9 (8)	1.0 (1)	2.0 (1)	1.7 (3)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

<b>Sheep</b>	2.0 (1)			2.3 (3)	1.9 (8)	1.0 (1)	2.0 (1)	1.7 (3)
<b>Goat</b>		1.0 (1)						

### **Mpumalanga**

#### **Volksrust, Volksrust Dierehospitaal**

Sheep: 2

### **Gauteng**

#### **Bronkhorstspuit, Kerkstraat Dierekliniek**

Goat: 1

### **North West**

#### **Christiana, Christiana Dierehospitaal**

Sheep: 3

#### **Rustenburg, Protea Dierekliniek**

Sheep: 1

#### **Stella, Stella Dierekliniek**

Sheep: 3

### **Free State**

#### **Bloemfontein, Dr Stephan Wessels**

Sheep: 2

#### **Clocolan, Clocolan Dierekliniek**

Sheep: 3

#### **Hertzogville, Hertzogville Dierekliniek**

Sheep: 2

#### **Hoopstad, Hoopstad Dierekliniek**

Sheep: 2

#### **Kroonstad, Kroonstad Dierehospitaal**

Sheep: 2

#### **Ladybrand, Ladybrand / Excelsior Dierekliniek**

Sheep: 1

#### **Reitz, Riemland Dierekliniek**

Sheep: 2

#### **Vrede, Vrede Dierehospitaal**

Sheep: 1

### **Kwazulu-Natal**

#### **Bergville, Tugela Vet Clinic**

Sheep: 1

### **Eastern Cape**

#### **Graaff-Reinet, Camdeboo Veterinary Clinic**

Sheep: 2

### **Western Cape**

#### **George, George Animal Hospital**

Sheep: 3

#### **Malmesbury, Bergzicht Dierehospitaal**

Sheep: 1

#### **Malmesbury, Malmesbury Dierehospitaal**

Sheep: 1

## **Lamb dysentery**



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

<b>Goat</b>	2.0 (1)								
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#### Mpumalanga

**Nelspruit, Nelspruit Animal Hospital**

Goat: 2

#### Swelled head disease



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

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

<b>Beef</b>					1.0 (1)				
<b>Sheep</b>					1.0 (2)		1.0 (1)		

#### Free State

**Reitz, Riemland Dierekliniëk**

Beef: 1

**Viljoenskroon, Viljoenskroon Dierekliniëk**

Sheep: 1

**Villiers, Wilgepoort Dierekliniëk Vennootskap**

Sheep: 1

#### Eastern Cape

**Graaff-Reinet, Camdeboo Veterinary Clinic**

Sheep: 1

#### Redgut (cattle)



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.3 (3)	1.0 (1)			1.7 (3)	1.3 (3)	2.0 (2)		

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

<b>Beef</b>	1.3 (3)	1.0 (1)			1.7 (3)	1.3 (3)	2.0 (1)		
<b>Dairy</b>							2.0 (1)		

#### Mpumalanga

**Balfour, Balfour Dierekliniëk**

Beef: 1

**Bethal, Bethal Dierekliniëk**

Beef: 1

**Standerton, Econovet**

Beef: 2

#### Gauteng

**Bapsfontein, Bapsfontein Dierehospitaal**



Beef: 1
<b>Free State</b>
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 2
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 1
<b>Kwazulu-Natal</b>
<b>Dundee, Endumeni Herd health</b>
Beef: 1
<b>Dundee, Mpati Veterinary Clinic</b>
Beef: 1
<b>Pietermaritzburg, Richmond Veterinary Clinic</b>
Beef: 2
<b>Eastern Cape</b>
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Dairy: 2
<b>Somerset East, Bosberg Veterinary Clinic</b>
Beef: 2
Feeding citrus

Blood gut (Sheep)									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					1.5 (2)		3.0 (1)		

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

<b>Sheep</b>					1.5 (2)				
<b>Goat</b>							3.0 (1)		

<b>Free State</b>
<b>Bloemfontein, Dr Stephan Wessels</b>
Sheep: 2
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>
Sheep: 1
<b>Eastern Cape</b>
<b>Graaff-Reinet, Camdeboo Veterinary Clinic</b>
Goat: 3

Tetanus									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)				2.0 (2)	1.0 (1)	2.0 (1)	2.0 (2)	

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

<b>Beef</b>	1.0 (1)								
<b>Sheep</b>	2.0 (1)				2.0 (2)	1.0 (1)	2.0 (1)	3.0 (1)	
<b>Goat</b>								1.0 (1)	

<b>Mpumalanga</b>
<b>Piet Retief, Pets Vet Hospital</b>
Beef: 1, Sheep: 2
<b>Free State</b>
<b>Bloemfontein, Dr Stephan Wessels</b>
Sheep: 2
<b>Hoopstad, Hoopstad Dierekliniek</b>
Sheep: 2
<b>Kwazulu-Natal</b>
<b>Bergville, Tugela Vet Clinic</b>
Sheep: 1
<b>Eastern Cape</b>
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Sheep: 2
<b>Western Cape</b>
<b>Oudtshoorn, Ostrimed</b>
Goat: 1
<b>Riversdal, Riversdal Dierekliniek</b>
Sheep: 3

<b>Botulism</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)			1.0 (1)	2.0 (3)	2.0 (1)		1.0 (1)	

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

<b>Beef</b>	1.0 (1)			1.0 (1)	2.0 (3)	2.0 (1)			
<b>Sheep</b>								1.0 (1)	

<b>Mpumalanga</b>
<b>Nelspruit, Nelspruit Animal Hospital</b>
Beef: 1
Cattle had access to chicken manure without being vaccinated.
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 1
<b>Free State</b>
<b>Bloemfontein, Dr Stephan Wessels</b>
Beef: 2
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 2
<b>Winburg, Winburg Dierekliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Vryheid, Dr GH Theron</b>
Beef: 2
<b>Western Cape</b>
<b>Oudtshoorn, Oudtshoorn Dierekliniek</b>
Sheep: 1

<b>Salmonellosis</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)	1.0 (1)		3.0 (1)	1.0 (2)		1.7 (3)	2.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>		1.0 (1)		3.0 (1)	1.0 (1)		1.5 (2)	2.0 (1)	
<b>Dairy</b>	1.0 (1)				1.0 (1)		2.0 (1)	2.0 (1)	

<b>Mpumalanga</b>									
<b>Nelspruit, Nelspruit Animal Hospital</b>									
Dairy: 1									
<b>Gauteng</b>									
<b>Pretoria, Idexx Lab. OP</b>									
Beef: 1									
<b>North West</b>									
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>									
Beef: 3									
One calf died, 30 animals sick.									
<b>Free State</b>									
<b>Clocolan, Clocolan Dierekliniek</b>									
Dairy: 1									
<b>Viljoenskroon, Viljoenskroon Dierekliniek</b>									
Beef: 1									
<b>Eastern Cape</b>									
<b>Cradock, Cradock Veterinary Clinic</b>									
Beef: 2									
Paratyphoid in a bull calf. Salmonellosis in a cow that died of pneumonia									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 2									
Anaphylaxis to vaccine									
<b>Somerset East, Bosberg Veterinary Clinic</b>									
Beef: 1									
Paratyphoid									
<b>Western Cape</b>									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Beef: 2									
<b>Stellenbosch, Provincial Veterinary Laboratory</b>									
Dairy: 2									

A *Salmonella* sp. was isolated from rectal swabs of calves from the same dairy on several occasions. The isolates were susceptible to all antibiotics tested, except for one isolate that was resistant to Tetracyclines.

<b><i>Brucella abortus</i></b>									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		2.0 (1)	3.0 (1)	3.0 (3)	2.4 (18)				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									
<b>Beef</b>		2.0 (1)	3.0 (1)	3.0 (3)	2.5				3.0 (1)

				(17)	
Dairy				2.0 (1)	
<b>Gauteng</b>					
<b>Pretoria, Idexx Lab. OP</b>					
Beef: 2					
<b>Limpopo</b>					
<b>Mokopane, Dr Henk Visser</b>					
Beef: 3					
<b>North West</b>					
<b>Brits, Brits Dierekliniek</b>					
Beef: 3					
Farmers buying heifers and cows at auctions that are positive for brucellosis. There is poor control over CA cases - positive cases are not slaughtered.					
<b>Stella, Stella Dierekliniek</b>					
Beef: 3					
<b>Vryburg, Vryburg Dierehospitaal</b>					
Beef: 3					
<b>Free State</b>					
<b>Bethlehem, Bethlehem Animal Hospital</b>					
Beef: 2					
<b>Bloemfontein, Dr Stephan Wessels</b>					
Beef: 3					
12 Positive cattle in Wepener					
<b>Bothaville, Cape Cross Bothaville Veterinary Hospital</b>					
Beef: 2					
<b>Bultfontein, Greylingrust Dierspreekkamer</b>					
Beef: 2					
<b>Clocolan, Clocolan Dierekliniek</b>					
Beef: 3					
<b>Ficksburg, Ficksburg Dierekliniek</b>					
Beef: 3					
<b>Frankfort, Frankfort Dierekliniek</b>					
Beef: 3					
<b>Hertzogville, Hertzogville Dierekliniek</b>					
Beef: 3, Dairy: 2					
<b>Hoopstad, Hoopstad Dierekliniek</b>					
Beef: 3					
<b>Kroonstad, Kroonstad Dierehospitaal</b>					
Beef: 2					
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>					
Beef: 3					
<b>Parys, Parys Dierehospitaal</b>					
Beef: 2					
<b>Reitz, Riemland Dierekliniek</b>					
Beef: 2					
<b>Viljoenskroon, Viljoenskroon Dierekliniek</b>					
Beef: 1					
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>					
Beef: 3					
<b>Winburg, Winburg Dierekliniek</b>					
Beef: 3					
Large herd tested, more than 400 head of cattle - 125 positive. Second herd 180 head, more than third positive					
<b>Zastron, Zastron Dierekliniek</b>					
Beef: 2					

Northern Cape									
Kimberley, Kimberley Dierekliniek									
Beef: 3									
30 Positive									
Brucella ovis									^
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									
Beaufort West, Beaufort West State Vet									
Sheep: 1									
Meat masters bought from suspected infected farm, spread to his merino stud.									
Bovine Tuberculosis									^
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)								
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Johne`s disease									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)			2.0 (1)		1.0 (2)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					2.0 (1)				
Sheep		1.0 (1)					1.0 (2)		
Gauteng									
Pretoria, Idexx Lab. OP									
Sheep: 1									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 2									
Two positive cases with blood test, heifers intended for export to Zimbabwe									
Eastern Cape									
Aliwal North, Uitspan C Troskie									

Sheep: 1

**Cradock, Cradock Veterinary Clinic**

Sheep: 1

**Leptospirosis**

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

**Beef** 3.0 (1)

**Free State**

**Hoopstad, Hoopstad Dierekliniek**

Beef: 3

**Septicaemia**

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) 2.0 (1)

**Dairy** 3.0 (1)

**Free State**

**Clocolan, Clocolan Dierekliniek**

Beef: 1

**Kwazulu-Natal**

**Vryheid, Dr GH Theron**

Beef: 2

**Eastern Cape**

**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 3

**Enzootic Abortion**

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)

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)

**Goat** 1.0 (1) 1.0 (1)

**Free State**

**Hoopstad, Hoopstad Dierekliniek**

Sheep: 2

<b>Reitz, Riemland Dierekliniek</b>									
Sheep: 2									
<b>Kwazulu-Natal</b>									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Goat: 1									
<b>Western Cape</b>									
<b>Beaufort West, Beaufort West State Vet</b>									
Goat: 1									
Boer goats, about 20% abortions									
<b><i>E. coli</i></b>									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.3 (3)			2.0 (1)	2.0 (2)	2.5 (2)	2.0 (5)	3.0 (2)	3.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	1.0 (1)				2.0 (2)	3.0 (1)	2.0 (2)	3.0 (1)	
<b>Dairy</b>	1.0 (1)			2.0 (1)		2.0 (1)	3.0 (1)		
<b>Sheep</b>	2.0 (1)						1.0 (1)		
<b>Goat</b>							2.0 (1)	3.0 (1)	3.0 (1)
<b>Mpumalanga</b>									
<b>Balfour, Balfour Dierekliniek</b>									
Beef: 1									
<b>Nelspruit, Nelspruit Animal Hospital</b>									
Dairy: 1									
<b>Standerton, Econovet</b>									
Sheep: 2									
<b>North West</b>									
<b>Schweizer-Reneke, NJ Heyns</b>									
Dairy: 2									
<i>E. coli</i> in dairy calves.									
<b>Free State</b>									
<b>Viljoenskroon, Viljoenskroon Dierekliniek</b>									
Beef: 2									
<b>Winburg, Winburg Dierekliniek</b>									
Beef: 2									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 3									
<b>Estcourt, Estcourt Vet Clinic</b>									
Dairy: 2									
<b>Eastern Cape</b>									
<b>Alexandria, Alexandria Platteland Spreekkamer</b>									
Beef: 2									
<b>Cradock, Cradock Veterinary Clinic</b>									
Beef: 2									
<b>Graaff-Reinet, Graaff Reinet Veterinary Clinic</b>									
Goat: 2									
<i>E. coli</i> in kids - Ewes (does) and kids kraaled overnight, poor hygiene.									
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>									
Dairy: 3									

<b>Queenstown, Queenstown Veterinary clinic</b>
Sheep: 1
Meningitis
<b>Western Cape</b>
<b>George, George Animal Hospital</b>
Goat: 3
Umbilical infection in young Angora lambs
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Beef: 3
<b>Northern Cape</b>
<b>Upington, Upington Veterinary Clinic</b>
Goat: 3
<i>E. coli</i> in kids causing meningitis, diarrhoea and arthritis. Becoming a big problem. Suggest vaccination with <i>E.coli</i> vaccine.

<b>Intrauterine Gangrene</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					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

<b>Sheep</b>					3.0 (1)				
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<b>Free State</b>
<b>Zastron, Zastron Dierekliniek</b>
Sheep: 3

<b>Bovine Dermatophilosis (Senkobo disease)</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					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

<b>Beef</b>					1.0 (1)		1.0 (1)		
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<b>Free State</b>
<b>Reitz, Riemland Dierekliniek</b>
Beef: 1

<b>Eastern Cape</b>
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Beef: 1

<b><i>Fusibacterium necrophorum</i></b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					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



reported

<b>Beef</b>	1.0 (1)
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**Free State**

**Reitz, Riemland Dierekliniek**

Beef: 1

**Protozoal diseases (other)**

**Coccidiosis**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (1)	2.0 (5)			1.6 (9)	1.8 (5)	1.4 (5)	2.0 (6)	

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

<b>Beef</b>		2.0 (1)			1.0 (1)	2.0 (3)		2.0 (1)	
<b>Dairy</b>					1.0 (1)		1.5 (2)		
<b>Sheep</b>	2.0 (1)	1.5 (2)			1.8 (6)	2.0 (1)	1.0 (2)	2.3 (4)	
<b>Goat</b>		2.5 (2)			1.0 (1)	1.0 (1)	2.0 (1)	1.0 (1)	

**Mpumalanga**

**Middelburg , Middelburg Dierehospitaal**

Sheep: 2

**Gauteng**

**Bronkhorstspuit, Kerkstraat Dierekliniek**

Goat: 2

**Pretoria, Anima Veterinary Consulting Rooms**

Beef: 2, Sheep: 2

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

Sheep: 1, Goat: 3

**Free State**

**Bloemfontein, Dr Stephan Wessels**

Sheep: 2

**Frankfort, Frankfort Dierekliniek**

Sheep: 2

**Harrismith, Harrismith Dierehospitaal**

Sheep: 1

Coccidiosis in young lambs kraaled with the ewes at night.

**Hoopstad, Hoopstad Dierekliniek**

Beef: 1, Dairy: 1

**Kroonstad, Kroonstad Dierehospitaal**

Sheep: 3

**Parys, Parys Dierehospitaal**

Goat: 1

**Reitz, Riemland Dierekliniek**

Sheep: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 1

**Kwazulu-Natal**

**Bergville, Bergville Veterinary Clinic**

Beef: 2

**Dundee, Endumeni Herd health**

Beef: 2
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 2, Goat: 1
<b>Vryheid, Dr GH Theron</b>
Sheep: 2
<b>Eastern Cape</b>
<b>Graaff-Reinet, Camdeboo Veterinary Clinic</b>
Goat: 2
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Sheep: 1
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>
Dairy: 2
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Dairy: 1, Sheep: 1
<b>Western Cape</b>
<b>Caledon, Overberg Veterinary Hospital</b>
Sheep: 3
<b>Darling, Darling Dierekliniek</b>
Sheep: 3
Lambs (3 +) Mostly seen in lambs after treatment for internal parasites. Dags.
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Beef: 2, Sheep: 2
<b>Oudtshoorn, Ostrimed</b>
Goat: 1
<b>Oudtshoorn, Oudtshoorn Dierekliniek</b>
Sheep: 1

## Fungal diseases

Ringworm									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.3 (3)			2.5 (2)	2.3 (10)	2.2 (5)	1.0 (2)	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									
<b>Beef</b>	1.3 (3)			2.5 (2)	2.3 (10)	2.5 (4)	1.0 (2)	1.7 (3)	2.0 (1)
<b>Dairy</b>						1.0 (1)		2.0 (1)	

<b>Mpumalanga</b>
<b>Balfour, Balfour Dierekliniek</b>
Beef: 1
<b>Nelspruit, Nelspruit Animal Hospital</b>
Beef: 2
<b>Piet Retief, Pets Vet Hospital</b>
Beef: 1
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 2
<b>Stella, Stella Dierekliniek</b>
Beef: 3

**Free State****Bloemfontein, Dr Stephan Wessels**

Beef: 2

**Bultfontein, Greylingrust Dieresprekkamer**

Beef: 2

**Clocolan, Clocolan Dierekliniek**

Beef: 3

**Ficksburg, Ficksburg Dierekliniek**

Beef: 2

**Frankfort, Frankfort Dierekliniek**

Beef: 3

**Ladybrand, Ladybrand / Excelsior Dierekliniek**

Beef: 3

**Reitz, Riemland Dierekliniek**

Beef: 2

**Viljoenskroon, Viljoenskroon Dierekliniek**

Beef: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 1

**Zastron, Zastron Dierekliniek**

Beef: 3

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

Beef: 2

**Dundee, Mpati Veterinary Clinic**

Beef: 3

**Mtubatuba, Mtubatuba Animal Clinic**

Dairy: 1

**Pietermaritzburg, Richmond Veterinary Clinic**

Beef: 3

**Vryheid, Dr GH Theron**

Beef: 2

**Eastern Cape****Queenstown, Queenstown Veterinary clinic**

Beef: 1

**Uitenhage, Uitenhage Dierehospitaal**

Beef: 1

**Western Cape****Heidelberg WC, Heidelberg Dierekliniek**

Dairy: 2

**Malmesbury, Malmesbury Dierehospitaal**

Beef: 2

**Oudtshoorn, Oudtshoorn Dierekliniek**

Beef: 1

**Swellendam, Swellendam Dierehospitaal**

Beef: 2

**Northern Cape****Kimberley, Kimberley Dierekliniek**

Beef: 2

**Viral Diseases (other)**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		2.0 (1)	1.0 (1)	1.0 (1)	1.4 (5)	2.5 (2)	1.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>		2.0 (1)	1.0 (1)	1.0 (1)	1.4 (5)	2.5 (2)	1.0 (1)		

#### Gauteng

##### Pretoria, Idexx Lab. OP

Beef: 2

#### Limpopo

##### Polokwane, Pietersburg Veterinary Clinic

Beef: 1

#### North West

##### Vryburg, Vryburg Dierehospitaal

Beef: 1

#### Free State

##### Hoopstad, Hoopstad Dierekliniek

Beef: 2

##### Parys, Parys Dierehospitaal

Beef: 1

##### Reitz, Riemland Dierekliniek

Beef: 1

##### Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 1

##### Winburg, Winburg Dierekliniek

Beef: 2

#### Kwazulu-Natal

##### Pongola, Pongola Animal Clinic

Beef: 3

Outbreak in feedlot

##### Vryheid, Dr GH Theron

Beef: 2

#### Eastern Cape

##### Queenstown, Queenstown Veterinary clinic

Beef: 1

### Rabies



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					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									
<b>Beef</b>					2.0 (1)				
<b>Goat</b>							1.0 (1)	1.0 (1)	

#### Free State

##### Kroonstad, Kroonstad Dierehospitaal

Beef: 2

#### Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic									
Goat: 1									
De Rust									
Western Cape									
Beaufort West, Beaufort West State Vet									
Goat: 1									
Angora goat positive in Prince Albert town.									
BVD (Bovine viral diarrhoea)									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)				1.0 (1)	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 (2)				1.0 (1)	1.0 (1)	1.0 (1)	2.0 (1)	
Mpumalanga									
Ermelo, Joubertstraat Dierekliniek									
Beef: 1									
Lydenburg, Lydenburg Diersprekkamer									
Beef: 1									
Free State									
Bethlehem, Bethlehem Animal Hospital									
Beef: 1									
Kwazulu-Natal									
Dundee, Mpati Veterinary Clinic									
Beef: 1									
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Beef: 1									
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Beef: 2									
IBR (Infectious bovine rhinotracheitis)									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				2.0 (2)	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				2.0 (2)	1.0 (1)	3.0 (1)	1.0 (1)		
North West									
Christiana, Christiana Dierehospitaal									
Beef: 1									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 3									
Calves brought in from the Eastern Cape, died due to IBR.									
Free State									
Bethlehem, Bethlehem Animal Hospital									

Beef: 1									
<b>Kwazulu-Natal</b>									
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>									
Beef: 3									
<b>Eastern Cape</b>									
<b>Somerset East, Bosberg Veterinary Clinic</b>									
Beef: 1									
<b>Enzootic Bovine Leucosis (EBL)</b>									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)			1.5 (2)	3.0 (1)		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									
<b>Beef</b>	1.0 (1)			1.0 (1)			1.0 (1)	1.0 (1)	
<b>Dairy</b>				2.0 (1)	3.0 (1)		2.0 (2)		
<b>Mpumalanga</b>									
<b>Balfour, Balfour Dierekliniek</b>									
Beef: 1									
<b>North West</b>									
<b>Christiana, Christiana Dierehospitaal</b>									
Beef: 1									
<b>Schweizer-Reneke, NJ Heyns</b>									
Dairy: 2									
One herd									
<b>Free State</b>									
<b>Hertzogville, Hertzogville Dierekliniek</b>									
Dairy: 3									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 1									
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>									
Dairy: 3									
<b>Somerset East, Bosberg Veterinary Clinic</b>									
Beef: 1									
<b>Western Cape</b>									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Beef: 1									
<b>Orf</b>									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				1.0 (1)	2.0 (1)	2.3 (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									
<b>Sheep</b>				1.0 (1)	2.0 (1)	2.3 (3)		1.0 (1)	
<b>Goat</b>						2.0 (1)	2.0 (1)	1.0 (1)	
<b>North West</b>									

<b>Christiana, Christiana Dierehospitaal</b>
Sheep: 1
<b>Free State</b>
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>
Sheep: 2
<b>Kwazulu-Natal</b>
<b>Dundee, Mpati Veterinary Clinic</b>
Sheep: 2
<b>Estcourt, Estcourt Vet Clinic</b>
Goat: 2
<b>Underberg, Underberg Veterinary Surgery</b>
Sheep: 3
<b>Vryheid, Dr GH Theron</b>
Sheep: 2
<b>Eastern Cape</b>
<b>Graaff-Reinet, Camdeboo Veterinary Clinic</b>
Goat: 2
<b>Western Cape</b>
<b>Beaufort West, Beaufort West State Vet</b>
Sheep: 1
<b>Oudtshoorn, Ostrimed</b>
Goat: 1

<b>Warts</b>									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (4)		1.0 (1)	2.5 (2)	2.2 (5)	1.6 (5)	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

<b>Beef</b>	1.5 (4)		1.0 (1)	2.5 (2)	2.2 (5)	1.8 (4)		1.0 (1)	
<b>Dairy</b>						1.0 (1)	1.0 (1)		

<b>Mpumalanga</b>
<b>Balfour, Balfour Dierekliniek</b>
Beef: 1
<b>Lydenburg, Lydenburg Dieresprekkamer</b>
Beef: 2
<b>Middelburg, Middelburg Dierehospitaal</b>
Beef: 2
<b>Nelspruit, Nelspruit Animal Hospital</b>
Beef: 1
<b>Limpopo</b>
<b>Mokopane, Dr Henk Visser</b>
Beef: 1
<b>North West</b>
<b>Brits, Brits Dierekliniek</b>
Beef: 2
<b>Stella, Stella Dierekliniek</b>
Beef: 3
<b>Free State</b>
<b>Bloemfontein, Dr Stephan Wessels</b>
Beef: 3

<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 2
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>
Beef: 2
<b>Parys, Parys Dierehospitaal</b>
Beef: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 2
<b>Bergville, Tugela Vet Clinic</b>
Beef: 2
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 1, Dairy: 1
<b>Vryheid, Dr GH Theron</b>
Beef: 2
<b>Eastern Cape</b>
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Dairy: 1
<b>Western Cape</b>
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Beef: 1

## Poisonings (Plant)

### Cardiac glycoside poisoning

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

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

<b>Beef</b>	3.0 (1)	2.0 (1)			2.0 (1)	2.0 (2)	1.0 (1)	2.0 (1)	
<b>Sheep</b>								2.0 (1)	

<b>Mpumalanga</b>
<b>Bethal, Bethal Dierekliniek</b>
Beef: 3
<b>Gauteng</b>
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>
Beef: 2
<b>Free State</b>
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Estcourt, Estcourt Vet Clinic</b>
Beef: 2
<b>Vryheid, Dr GH Theron</b>
Beef: 2
<b>Eastern Cape</b>
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Beef: 1



Western Cape									
Beaufort West, Beaufort West State Vet									
Beef: 2									
Mostly suspected Witstorm poisonings in the Murraysburg area.									
Sheep: 2									
Drought forces sheep to eat more Witstorm.									

Cestrum									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				2.0 (1)	1.5 (2)		2.0 (1)		

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

<b>Beef</b>				2.0 (1)	1.5 (2)				
<b>Dairy</b>							2.0 (1)		

North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 2									
Three animals died									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 1									
Hoopstad, Hoopstad Dierekliniek									
Beef: 2									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									

Facial eczema									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>							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

<b>Dairy</b>							2.0 (1)	1.0 (1)	
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Eastern Cape									
Uitenhage, Uitenhage Dierehospitaal									
Dairy: 2									
Western Cape									
Beaufort West, Beaufort West State Vet									
Dairy: 1									
Suspect Ganskweek, only white parts of body affected.									

Geeldikkop/Dikoor									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>	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

<b>Sheep</b>	1.0 (1)
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**Western Cape**  
**Malmesbury, Bergzicht Dierehospitaal**  
 Sheep: 1

**Gifblaar** ^

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

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

<b>Beef</b>		2.0 (1)		2.0 (1)					
<b>Sheep</b>				2.0 (1)					
<b>Goat</b>				1.0 (1)					

**Gauteng**  
**Bronkhorstspuit, Kerkstraat Dierekliniek**  
 Beef: 2

**North West**  
**Brits, Brits Dierekliniek**  
 Beef: 2  
 Problem this time of year  
 Sheep: 2  
 Problem this time of year  
 Goat: 1  
 Problem this time of year

**Gousiekte** ^

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

<b>Beef</b>	1.0 (1)
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**Mpumalanga**  
**Ermelo, Moregloed Veterinere Spreekkamer**  
 Beef: 1

One cow died due to gousiekte poisoning. Farm between Carolina and Belfast in red stone hills.

**Lantana** ^

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

<b>Beef</b>	2.0 (1)								2.0 (1)
<b>Goat</b>		1.0 (1)							

#### Mpumalanga

##### Piet Retief, Pets Vet Hospital

Beef: 2

#### Gauteng

##### Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Goat: 1

#### Kwazulu-Natal

##### Vryheid, Dr GH Theron

Beef: 2

### Nitrate poisoning



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

<b>Beef</b>						2.0 (1)			
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#### Kwazulu-Natal

##### Bergville, Tugela Vet Clinic

Beef: 2

### Prussic acid poisoning



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

<b>Sheep</b>		1.0 (1)					2.0 (1)		
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#### Gauteng

##### Pretoria, Idexx Lab. OP

Sheep: 1

#### Eastern Cape

##### Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2

"Bruised" fodder - 3 sheep died

### Rye grass poisoning



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

<b>Beef</b>						1.0 (1)			
<b>Sheep</b>									1.0 (1)

#### Kwazulu-Natal

##### Bergville, Tugela Vet Clinic

Beef: 1

#### Western Cape

##### Beaufort West, Beaufort West State Vet

Sheep: 1

3 sheep died in Ladismith area

### Seneciosis

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

<b>Beef</b>					2.0 (1)	2.0 (1)			
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#### Free State

##### Vrede, Saulshoek Dierpraktik

Beef: 2

#### Kwazulu-Natal

##### Underberg, Waterford Farm, Underberg

Beef: 2

Veld hay contaminated with Senecio

### Tulip Poisoning

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>	2.3 (4)	2.0 (1)			2.0 (8)	2.2 (6)	2.3 (3)	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

<b>Beef</b>	2.3 (4)	2.0 (1)			2.1 (7)	2.4 (5)	2.0 (2)	1.0 (1)	
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<b>Dairy</b>					1.0 (1)				
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<b>Sheep</b>							3.0 (1)		
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<b>Goat</b>						1.0 (1)			
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#### Mpumalanga

##### Lydenburg, Lydenburg Dierespreekkamer

Beef: 2

##### Piet Retief, Pets Vet Hospital

Beef: 2

##### Standerton, Econovet

Beef: 3

<b>Volksrust, Volksrust Dierehospitaal</b>									
Beef: 2									
<b>Gauteng</b>									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Beef: 2									
<b>Free State</b>									
<b>Bethlehem, Bethlehem Animal Hospital</b>									
Beef: 2									
<b>Bultfontein, Greylingrust Dieresprekkamer</b>									
Beef: 2									
<b>Harrismith, Harrismith Dierehospitaal</b>									
Beef: 2									
A few cases - farmers know the clinical signs and treat their animals with activated charcoal.									
<b>Memel, Memel Veterinary Clinic</b>									
Beef: 2									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 3, Dairy: 1									
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>									
Beef: 2									
<b>Vrede, Vrede Dierehospitaal</b>									
Beef: 2									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 3									
<b>Dundee, Endumeni Herd health</b>									
Beef: 1, Goat: 1									
<b>Estcourt, Estcourt Vet Clinic</b>									
Beef: 3									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Beef: 3									
<b>Vryheid, Dr GH Theron</b>									
Beef: 2									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Beef: 1									
<b>Middelburg (EC), Steynsburg Dierehospitaal</b>									
Beef: 3, Sheep: 3									
<b>Western Cape</b>									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Beef: 1									
<b>Other</b>									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)				3.0 (2)		2.7 (3)	3.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	1.0 (1)				3.0 (2)		3.0 (1)		
<b>Dairy</b>							2.0 (1)		
<b>Sheep</b>							3.0 (1)	3.0 (1)	
<b>Mpumalanga</b>									

<b>Balfour, Balfour Dierekliniek</b>									
Beef: 1									
Diplodiosis									
<b>Free State</b>									
<b>Hertzogville, Hertzogville Dierekliniek</b>									
Beef: 3									
Malicious poisoning. 19 Cattle died of organophosphate poisoning.									
<b>Memel, Memel Veterinary Clinic</b>									
Beef: 3									
Soya bean poisoning									
<b>Eastern Cape</b>									
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>									
Dairy: 2									
<b>Middelburg (EC), Steynsburg Dierehospitaal</b>									
Beef: 3, Sheep: 3									
Ganskweek									
<b>Western Cape</b>									
<b>Darling, Darling Dierekliniek</b>									
Sheep: 3									
Dikkop 3 +, most probably due to Turksnaal poisoning									
<b>Poisonings</b>									
<b>Urea Poisoning</b>									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	3.0 (1)			3.0 (1)	2.5 (4)	2.0 (2)	1.5 (2)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	3.0 (1)				2.5 (2)	2.0 (2)	1.5 (2)		
<b>Sheep</b>				3.0 (1)	2.5 (2)				
<b>Mpumalanga</b>									
<b>Bethal, Bethal Dierekliniek</b>									
Beef: 3									
<b>North West</b>									
<b>Schweizer-Reneke, NJ Heyns</b>									
Sheep: 3									
70 year old ewes died.									
<b>Free State</b>									
<b>Bethlehem, Bethlehem Animal Hospital</b>									
Beef: 2									
<b>Clocolan, Clocolan Dierekliniek</b>									
Sheep: 3									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 3									
Poor management									
<b>Zastron, Zastron Dierekliniek</b>									
Sheep: 2									
<b>Kwazulu-Natal</b>									
<b>Dundee, Endumeni Herd health</b>									
Beef: 2									

Vryheid, Dr GH Theron									
Beef: 2									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Beef: 2									
Queenstown, Queenstown Veterinary clinic									
Beef: 1									
Snake Bite									<a href="#">^</a>
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)		
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 1									
Chemical products									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average							2.0 (1)	2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef							2.0 (1)	2.0 (1)	
Eastern Cape									
Somerset East, Bosberg Veterinary Clinic									
Beef: 2									
Lost 2 cows and a bull due to organophosphate containing pour-on.									
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Beef: 2									
Copper poisoning									
Macro Nutritional Problems									
Energy deficiency									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.5 (6)	2.0 (4)	2.3 (3)	2.7 (3)	2.5 (17)	2.8 (19)	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	2.4 (5)	2.3 (3)	2.3 (3)	3.0 (2)	2.5	2.8 (11)	2.0 (2)		

					(10)		
<b>Dairy</b>				2.0 (1)	2.0 (1)	3.0 (2)	
<b>Sheep</b>					2.5 (6)	2.8 (4)	3.0 (1)
<b>Goat</b>	3.0 (1)	1.0 (1)				2.5 (2)	

### Mpumalanga

#### Balfour, Balfour Diereklíníek

Beef: 1

#### Middelburg , Middelburg Dierehospitaal

Beef: 3

Poor grazing, shortage of grass and bales

#### Nelspruit, Nelspruit Animal Hospital

Beef: 2

#### Piet Retief, Pets Vet Hospital

Beef: 3

#### Volksrust, Volksrust Dierehospitaal

Beef: 3, Goat: 3

### Gauteng

#### Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2

#### Bronkhorstspuit, Kerkstraat Diereklíníek

Beef: 2

#### Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 3, Goat: 1

### Limpopo

#### Bela-Bela, Warmbad Diereklíníek

Beef: 3

#### Mokopane, Dr Henk Visser

Beef: 2

#### Polokwane, Pietersburg Veterinary Clinic

Beef: 2

### North West

#### Christiana, Christiana Dierehospitaal

Beef: 3

#### Leeudoringstad, Leeudoringstad Diereklíníek

Beef: 3

#### Schweizer-Reneke, NJ Heyns

Dairy: 2

No silage left to feed dairy cows.

### Free State

#### Bethlehem, Bethlehem Animal Hospital

Beef: 3

#### Bloemfontein, Dr Stephan Wessels

Beef: 3

#### Clocolan, Clocolan Diereklíníek

Beef: 3

#### Harrismith, Harrismith Dierehospitaal

Beef: 2

Seen numerous lean cattle due to malnutrition. Deaths due to pneumonia occurring after the first rain.

#### Hertzogville, Hertzogville Diereklíníek

Sheep: 2

#### Hoopstad, Hoopstad Diereklíníek

Beef: 3

Insufficient licks

Sheep: 3



Insufficient lick

**Memel, Memel Veterinary Clinic**

Beef: 2, Sheep: 3

**Parys, Parys Dierehospitaal**

Beef: 2, Dairy: 2

**Reitz, Riemland Dierekliniek**

Beef: 3, Sheep: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 1, Sheep: 2

**Vrede, Saulshoek Dierepraktyk**

Beef: 3, Sheep: 3

**Kwazulu-Natal**

**Bergville, Bergville Veterinary Clinic**

Beef: 3

**Bergville, Tugela Vet Clinic**

Beef: 2, Sheep: 2, Goat: 2

**Camperdown, Camperdown Vet Clinic**

Beef: 3, Sheep: 3, Goat: 3

**Dundee, Endumeni Herd health**

Beef: 3

**Dundee, Mpati Veterinary Clinic**

Beef: 3

**Estcourt, Estcourt Vet Clinic**

Beef: 3

**Mooi River, Mooirivier Vet Clinic**

Dairy: 3

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 3

**Pongola, Pongola Animal Clinic**

Beef: 2

**Underberg, Underberg Veterinary Surgery**

Beef: 3, Dairy: 3

Especially first calved dairy heifers

Sheep: 3

**Underberg, Waterford Farm, Underberg**

Beef: 3

Very dry conditions, malnutrition in beef cows and heifers

**Vryheid, Dr GH Theron**

Beef: 3, Sheep: 3

**Eastern Cape**

**Alexandria, Alexandria Platteland Spreekkamer**

Beef: 1

**Queenstown, Queenstown Veterinary clinic**

Beef: 3

**Western Cape**

**Beaufort West, Beaufort West State Vet**

Sheep: 3

Although enough roughage in veld, not enough energy for good milk production in ewes. Many lambs died of mismothering as well as exposure.

**Protein deficiency**



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>	2.3 (6)	2.4 (8)	2.3 (3)	3.0 (1)	2.4 (14)	2.8 (15)	3.0 (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

<b>Beef</b>	2.2 (5)	2.7 (3)	2.3 (3)	3.0 (1)	2.4 (10)	2.9 (9)	3.0 (3)	3.0 (1)
<b>Dairy</b>					2.0 (1)			
<b>Sheep</b>		2.5 (2)			2.7 (3)	2.8 (4)	3.0 (1)	
<b>Goat</b>	3.0 (1)	2.0 (3)				2.5 (2)		

### **Mpumalanga**

#### **Balfour, Balfour Dierekliniek**

Beef: 1

#### **Middelburg , Middelburg Dierehospitaal**

Beef: 3

Poor grazing, shortage of grass and bales

#### **Nelspruit, Nelspruit Animal Hospital**

Beef: 2

#### **Piet Retief, Pets Vet Hospital**

Beef: 2

#### **Volksrust, Volksrust Dierehospitaal**

Beef: 3, Goat: 3

### **Gauteng**

#### **Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 2

#### **Nigel, Welgelegen Dierekliniek**

Beef: 3, Sheep: 3, Goat: 3

#### **Pretoria, Idexx Lab. OP**

Sheep: 2, Goat: 2

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

Beef: 3, Goat: 1

### **Limpopo**

#### **Bela-Bela, Warmbad Dierekliniek**

Beef: 3

#### **Mokopane, Dr Henk Visser**

Beef: 2

#### **Polokwane, Pietersburg Veterinary Clinic**

Beef: 2

### **North West**

#### **Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 3

### **Free State**

#### **Clocolan, Clocolan Dierekliniek**

Beef: 3

#### **Dewetsdorp, Platkop Dierekliniek**

Beef: 3

#### **Harrismith, Harrismith Dierehospitaal**

Beef: 2

#### **Hoopstad, Hoopstad Dierekliniek**

Beef: 2

#### **Memel, Memel Veterinary Clinic**

Beef: 2, Sheep: 3

#### **Parys, Parys Dierehospitaal**

Beef: 2, Dairy: 2									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 3									
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>									
Beef: 1, Sheep: 2									
<b>Vrede, Saulshoek Dierepraktyk</b>									
Beef: 3, Sheep: 3									
<b>Winburg, Winburg Dierekliniek</b>									
Beef: 3									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 3									
<b>Bergville, Tugela Vet Clinic</b>									
Beef: 2, Sheep: 2, Goat: 2									
<b>Camperdown, Camperdown Vet Clinic</b>									
Beef: 3, Sheep: 3, Goat: 3									
<b>Dundee, Mpati Veterinary Clinic</b>									
Beef: 3									
<b>Estcourt, Estcourt Vet Clinic</b>									
Beef: 3									
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>									
Beef: 3									
<b>Underberg, Underberg Veterinary Surgery</b>									
Beef: 3, Sheep: 3									
<b>Underberg, Waterford Farm, Underberg</b>									
Beef: 3									
Very dry conditions, malnutrition in beef cows and heifers.									
<b>Vryheid, Dr GH Theron</b>									
Beef: 3, Sheep: 3									
<b>Eastern Cape</b>									
<b>Alexandria, Alexandria Platteland Spreekkamer</b>									
Beef: 3									
<b>Middelburg (EC), Steynsburg Dierehospitaal</b>									
Beef: 3									
Malnutrition: bottle jaws, vaginal and rectal prolapses									
Sheep: 3									
Malnutrition: bottle jaws, vaginal and rectal prolapses									
<b>Queenstown, Queenstown Veterinary clinic</b>									
Beef: 3									
<b>Western Cape</b>									
<b>Malmesbury, Dr Otto Kriek</b>									
Beef: 3									
<b>Phosphate deficiency</b>									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (2)			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									
<b>Beef</b>	1.0 (2)			3.0 (1)		3.0 (1)			
<b>Sheep</b>						3.0 (1)			

<b>Mpumalanga</b>
<b>Nelspruit, Nelspruit Animal Hospital</b>
Beef: 1
One outbreak of botulism. Cattle had pica and had access to chicken manure.
<b>Piet Retief, Pets Vet Hospital</b>
Beef: 1
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 3
<b>Kwazulu-Natal</b>
<b>Dundee, Mpati Veterinary Clinic</b>
Beef: 3, Sheep: 3

<b>Calcium deficiency</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.3 (3)			3.0 (1)	1.7 (3)	2.3 (3)	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

<b>Beef</b>	2.0 (2)			3.0 (1)	1.0 (1)	2.0 (2)			
<b>Dairy</b>						3.0 (1)	2.3 (3)		
<b>Sheep</b>					2.0 (2)				
<b>Goat</b>	3.0 (1)						2.0 (1)		

<b>Mpumalanga</b>
<b>Balfour, Balfour Dierekliniek</b>
Beef: 1
<b>Volkstrust, Volkstrust Dierehospitaal</b>
Beef: 3, Goat: 3
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 3
<b>Free State</b>
<b>Reitz, Riemland Dierekliniek</b>
Sheep: 2
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 1, Sheep: 2
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 2
<b>Mooi River, Mooirivier Vet Clinic</b>
Dairy: 3
<b>Pietermaritzburg, Richmond Veterinary Clinic</b>
Beef: 2
<b>Eastern Cape</b>
<b>Graaff-Reinet, Graaff Reinet Veterinary Clinic</b>
Goat: 2
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Dairy: 2
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>
Dairy: 3
<b>Uitenhage, Uitenhage Dierehospitaal</b>

Dairy: 2

## 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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<b>Average</b>							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

<b>Beef</b>							2.0 (1)			
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#### Kwazulu-Natal

**Bergville, Bergville Veterinary Clinic**

Beef: 2

### Copper deficiency

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

<b>Beef</b>	3.0 (1)					2.0 (1)			
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#### Mpumalanga

**Piet Retief, Pets Vet Hospital**

Beef: 3

#### Kwazulu-Natal

**Bergville, Bergville Veterinary Clinic**

Beef: 2

### Zinc deficiency

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

<b>Dairy</b>							2.0 (1)			
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#### Eastern Cape

**Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 2

### Selenium deficiency

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

<b>Beef</b>	3.0 (2)	1.0 (1)	2.3 (4)	2.0 (1)
<b>Dairy</b>			3.0 (1)	
<b>Sheep</b>		3.0 (1)	2.0 (1)	

#### Mpumalanga

##### Piet Retief, Pets Vet Hospital

Beef: 3

##### Standerton, Econovet

Beef: 3

#### North West

##### Christiana, Christiana Dierehospitaal

Sheep: 3

#### Free State

##### Harrismith, Harrismith Dierehospitaal

Beef: 1

#### Kwazulu-Natal

##### Bergville, Bergville Veterinary Clinic

Beef: 2

##### Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2

##### Estcourt, Estcourt Vet Clinic

Beef: 3, Dairy: 3

##### Pietermaritzburg, Richmond Veterinary Clinic

Beef: 2

#### Eastern Cape

##### Graaff-Reinet, Graaff Reinet Veterinary Clinic

Beef: 2

### Magnesium deficiency



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

<b>Beef</b>						1.0 (1)		2.0 (1)	
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#### Kwazulu-Natal

##### Bergville, Tugela Vet Clinic

Beef: 1

#### Western Cape

##### Malmesbury, Dr Otto Kriek

Beef: 2

Magnesium deficiency on lush green pastures

### Iodine deficiency



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>										<b>2.0 (1)</b>
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported										
<b>Beef</b>										<b>2.0 (1)</b>
<b>Kwazulu-Natal</b>										
<b>Bergville, Bergville Veterinary Clinic</b>										
Beef: 2										
<b>Vitamin A deficiency</b>										<a href="#">^</a>
<b>PROVINCE</b>	<b>Mpumalanga</b>	<b>Gauteng</b>	<b>Limpopo</b>	<b>North West</b>	<b>Free State</b>	<b>Kwazulu-Natal</b>	<b>Eastern Cape</b>	<b>Western Cape</b>	<b>Northern Cape</b>	
<b>Average</b>	<b>2.0 (1)</b>		<b>1.0 (1)</b>	<b>3.0 (2)</b>	<b>2.5 (4)</b>	<b>2.5 (6)</b>	<b>3.0 (1)</b>	<b>2.0 (1)</b>		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported										
<b>Beef</b>	<b>2.0 (1)</b>		<b>1.0 (1)</b>	<b>3.0 (1)</b>	<b>2.5 (2)</b>	<b>2.5 (4)</b>	<b>3.0 (1)</b>	<b>2.0 (1)</b>		
<b>Sheep</b>				<b>3.0 (1)</b>	<b>2.5 (2)</b>	<b>3.0 (1)</b>				
<b>Goat</b>						<b>2.0 (1)</b>				
<b>Mpumalanga</b>										
<b>Nelspruit, Nelspruit Animal Hospital</b>										
Beef: 2										
This time of the year conjunctivitis, respiratory problems and retained placentas are seen most probably due to a vitamin A deficiency.										
<b>Limpopo</b>										
<b>Mokopane, Dr Henk Visser</b>										
Beef: 1										
<b>North West</b>										
<b>Christiana, Christiana Dierehospitaal</b>										
Beef: 3, Sheep: 3										
<b>Free State</b>										
<b>Hoopstad, Hoopstad Dierekliniek</b>										
Beef: 3										
Not injected										
Sheep: 3										
Not injected										
<b>Reitz, Riemland Dierekliniek</b>										
Beef: 2, Sheep: 2										
<b>Kwazulu-Natal</b>										
<b>Bergville, Bergville Veterinary Clinic</b>										
Beef: 2										
<b>Bergville, Tugela Vet Clinic</b>										
Beef: 2										
<b>Camperdown, Camperdown Vet Clinic</b>										
Beef: 3										
<b>Dundee, Mpati Veterinary Clinic</b>										
Beef: 3, Sheep: 3, Goat: 2										
<b>Eastern Cape</b>										
<b>Queenstown, Queenstown Veterinary clinic</b>										
Beef: 3										
<b>Western Cape</b>										

### Malmesbury, Malmesbury Dierehospitaal

Beef: 2

#### Vitamin B deficiency

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

#### North West

##### Leeudoringstad, Leeudoringstad Dierekliniek

Sheep: 3

Three flocks of sheep affected, ewes not pregnant. Sheep blind, cannot rise. Recover soon after treatment with vitamin B1, B6, cortisone and calcium given sub-cutaneous. Sheep tested negative for ketones.

#### Kwazulu-Natal

##### Bergville, Bergville Veterinary Clinic

Beef: 2

#### Western Cape

##### Ceres, Ceres Veterinary Hospital

Sheep: 1

CCN - cerebral cortico necrosis

### Multi-factorial Disease Conditions

#### Abortions

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	3.0 (2)	3.0 (3)		1.5 (2)	2.5 (13)	2.2 (11)	1.3 (4)	1.9 (7)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	3.0 (2)	3.0 (1)		1.5 (2)	2.5 (11)	2.0 (7)	1.3 (3)	1.7 (3)	
<b>Dairy</b>					2.0 (1)	3.0 (2)		3.0 (2)	
<b>Sheep</b>		3.0 (1)			3.0 (1)	2.0 (1)	1.0 (1)	1.0 (1)	
<b>Goat</b>		3.0 (1)				2.0 (1)		1.0 (1)	

#### Mpumalanga

##### Middelburg, Middelburg Dierehospitaal

Beef: 3

##### Standerton, Econovet

Beef: 3

Unknown causes

#### Gauteng

##### Pretoria, Idexx Lab. OP

Beef: 3, Sheep: 3, Goat: 3

#### North West



<b>Brits, Brits Dierekliniek</b>
Beef: 2
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 1
<b>Free State</b>
<b>Bloemfontein, Dr Stephan Wessels</b>
Beef: 2
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 3
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 3
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3
Brucella abortions
Sheep: 3
Enzootic abortions
<b>Kroonstad, Kroonstad Dierehospitaal</b>
Beef: 2
<b>Memel, Memel Veterinary Clinic</b>
Beef: 1
<b>Parys, Parys Dierehospitaal</b>
Beef: 2, Dairy: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 3
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 3
<b>Winburg, Winburg Dierekliniek</b>
Beef: 3
<b>Zastron, Zastron Dierekliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 3
<b>Bergville, Tugela Vet Clinic</b>
Beef: 2, Sheep: 2
<b>Dundee, Endumeni Herd health</b>
Beef: 2
<b>Dundee, Mpati Veterinary Clinic</b>
Beef: 1
<b>Mooi River, Mooirivier Vet Clinic</b>
Beef: 3, Dairy: 3
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 1, Goat: 2
<b>Underberg, Underberg Veterinary Surgery</b>
Dairy: 3
Dairy cows, late embryo mortalities (resorptions) possible BVD/IBR. High follicular/embryonic NEFA levels.
<b>Vryheid, Dr GH Theron</b>
Beef: 2
<b>Eastern Cape</b>
<b>Alexandria, Alexandria Platteland Spreekkamer</b>
Beef: 2
<b>Aliwal North, Uitspan C Troskie</b>
Beef: 1, Sheep: 1
<b>Queenstown, Queenstown Veterinary clinic</b>

Beef: 1
<b>Western Cape</b>
<b>Malmesbury, Dr Otto Kriek</b>
Beef: 2
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Dairy: 3
<b>Oudtshoorn, Ostrimed</b>
Sheep: 1, Goat: 1
<b>Stellenbosch, Provincial Veterinary Laboratory</b>
Beef: 1
Trueperella pyogenes was isolated from the stomach contents of a foetus from the Malmesbury area.
<b>Stellenbosch, Stellenbosch Animal Hospital</b>
Beef: 2
<b>Swellendam, Swellendam Dierehospitaal</b>
Dairy: 3

<b>Stillbirths</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					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

<b>Beef</b>					2.0 (2)	1.0 (1)			
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<b>Free State</b>
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 2
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Ingogo, Gen XY Stud Beef Consultancy</b>
Beef: 1

<b>Abscesses</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		1.0 (2)	2.0 (2)	2.0 (2)	1.9 (9)	2.2 (11)	1.3 (3)	1.9 (8)	

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

<b>Beef</b>		1.0 (1)	2.0 (1)	2.0 (2)	1.8 (6)	2.0 (5)	1.0 (1)	2.5 (2)	
<b>Dairy</b>		1.0 (1)			2.0 (1)	2.0 (1)	2.0 (1)	2.3 (3)	
<b>Sheep</b>			2.0 (1)		2.0 (2)	2.5 (2)	1.0 (1)	1.0 (1)	
<b>Goat</b>						2.3 (3)		1.0 (2)	

<b>Gauteng</b>
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>
Dairy: 1
<b>Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic</b>
Beef: 1
<b>Limpopo</b>

<b>Polokwane, Pietersburg Veterinary Clinic</b>
Beef: 2, Sheep: 2
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 2
<b>Stella, Stella Dierekliniek</b>
Beef: 2
<b>Free State</b>
<b>Bultfontein, Greylingrust Dieresprekkamer</b>
Beef: 1
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 2
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 2
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3
Injuries and tick bytes
Sheep: 3
Injuries and tick bytes
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>
Beef: 2, Dairy: 2
<b>Reitz, Riemland Dierekliniek</b>
Sheep: 1
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 1
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 2
<b>Bergville, Tugela Vet Clinic</b>
Beef: 2, Sheep: 2, Goat: 2
<b>Estcourt, Estcourt Vet Clinic</b>
Beef: 1
<b>Mooi River, Mooirivier Vet Clinic</b>
Dairy: 2
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>
Beef: 3, Sheep: 3, Goat: 3
<b>Pongola, Pongola Animal Clinic</b>
Beef: 2, Goat: 2
<b>Eastern Cape</b>
<b>Queenstown, Queenstown Veterinary clinic</b>
Beef: 1, Sheep: 1
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Dairy: 2
<b>Western Cape</b>
<b>Caledon, Overberg Veterinary Hospital</b>
Beef: 3
<b>Ceres, Ceres Veterinary Hospital</b>
Beef: 2
<b>Malmesbury, Bergzicht Dierehospitaal</b>
Dairy: 1
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Dairy: 3
<b>Oudtshoorn, Ostrimed</b>
Sheep: 1, Goat: 1

<b>Oudtshoorn, Oudtshoorn Dierekliniek</b>									
Goat: 1									
<b>Swellendam, Swellendam Dierehospitaal</b>									
Dairy: 3									

<b>Abscesses in general</b>									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		1.7 (3)			2.7 (3)	2.0 (3)		2.0 (1)	

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

<b>Beef</b>					3.0 (1)	2.0 (2)			
<b>Dairy</b>					2.0 (1)				
<b>Sheep</b>		1.5 (2)			3.0 (1)			2.0 (1)	
<b>Goat</b>		2.0 (1)				2.0 (1)			

<b>Gauteng</b>									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Sheep: 2, Goat: 2									
<b>Pretoria, Anima Veterinary Consulting Rooms</b>									
Sheep: 1									
<b>Free State</b>									
<b>Clocolan, Clocolan Dierekliniek</b>									
Dairy: 2									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 3, Sheep: 3									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 2									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Beef: 2, Goat: 2									
<b>Western Cape</b>									
<b>Oudtshoorn, Ostrimed</b>									
Sheep: 2									
Steekgras in first cuttings resulting in mouth and throat lesions									

<b>Bladder stones</b>									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		2.0 (1)			2.0 (1)	2.0 (1)	2.0 (1)		

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

<b>Beef</b>		2.0 (1)							
<b>Sheep</b>					2.0 (1)	2.0 (1)	2.0 (1)		

<b>Gauteng</b>									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Beef: 2									
<b>Free State</b>									

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 2

**Kwazulu-Natal**

**Bergville, Tugela Vet Clinic**

Sheep: 2

**Eastern Cape**

**Somerset East, Bosberg Veterinary Clinic**

Sheep: 2

Urolithiasis in feedlot lambs, 2 cases

**Blindness**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					2.0 (4)	2.0 (2)			

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

<b>Beef</b>					2.0 (2)	2.0 (2)			
<b>Dairy</b>					1.0 (1)				
<b>Sheep</b>					3.0 (1)				

**Free State**

**Clocolan, Clocolan Dierekliniek**

Beef: 1, Dairy: 1

**Hoopstad, Hoopstad Dierekliniek**

Beef: 3

Vit A deficiency

Sheep: 3

Vit A deficiency

**Kwazulu-Natal**

**Estcourt, Estcourt Vet Clinic**

Beef: 2

**Vryheid, Dr GH Theron**

Beef: 2

**Bloat**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)	1.0 (1)			1.9 (8)	1.0 (4)	1.0 (1)	2.5 (2)	2.0 (3)

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

<b>Beef</b>	1.0 (1)				1.6 (5)	1.0 (2)	1.0 (1)	3.0 (1)	2.0 (1)
<b>Dairy</b>		1.0 (1)				1.0 (1)			
<b>Sheep</b>					2.3 (3)			2.0 (1)	2.0 (1)
<b>Goat</b>						1.0 (1)			2.0 (1)

**Mpumalanga**

**Nelspruit, Nelspruit Animal Hospital**

Beef: 1

Cattle on wilted grazing after berg wind conditions and warm weather.

<b>Gauteng</b>									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Dairy: 1									
<b>Free State</b>									
<b>Ficksburg, Ficksburg Dierekliniek</b>									
Beef: 2, Sheep: 3									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 2, Sheep: 2									
<b>Parys, Parys Dierehospitaal</b>									
Beef: 1									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 2, Sheep: 2									
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>									
Beef: 1									
<b>Kwazulu-Natal</b>									
<b>Estcourt, Estcourt Vet Clinic</b>									
Beef: 1, Dairy: 1									
<b>Ingogo, Gen XY Stud Beef Consultancy</b>									
Beef: 1									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Goat: 1									
<b>Eastern Cape</b>									
<b>Uitenhage, Uitenhage Dierehospitaal</b>									
Beef: 1									
<b>Western Cape</b>									
<b>Caledon, Overberg Veterinary Hospital</b>									
Beef: 3									
<b>Oudtshoorn, Ostrimed</b>									
Sheep: 2									
New growth and animals hungry when placed onto pastures									
<b>Northern Cape</b>									
<b>Kimberley, Kimberley Dierekliniek</b>									
Beef: 2									
Dry lucerne									
Sheep: 2									
Dry lucerne									
Goat: 2									
Dry lucerne									
<b>Blood gut (sheep and goat)</b>									<a href="#">^</a>
<b>PROVINCE</b>	<b>Mpumalanga</b>	<b>Gauteng</b>	<b>Limpopo</b>	<b>North West</b>	<b>Free State</b>	<b>Kwazulu-Natal</b>	<b>Eastern Cape</b>	<b>Western Cape</b>	<b>Northern Cape</b>
<b>Average</b>					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									
<b>Sheep</b>					1.0 (1)			1.0 (1)	
<b>Free State</b>									
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>									
Sheep: 1									
<b>Western Cape</b>									
<b>Beaufort West, Beaufort West State Vet</b>									

Sheep: 1

Found in 1-2 month old lambs. Suspect CI perf A.

## Blue udder ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)				1.7 (7)	2.0 (2)	3.0 (3)	2.0 (1)	

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

<b>Dairy</b>					1.5 (2)				
<b>Sheep</b>	1.0 (1)				1.8 (5)	2.0 (1)	3.0 (2)	2.0 (1)	
<b>Goat</b>						2.0 (1)	3.0 (1)		

### Mpumalanga

#### Balfour, Balfour Dierekliniek

Sheep: 1

### Free State

#### Clocolan, Clocolan Dierekliniek

Sheep: 1

#### Hoopstad, Hoopstad Dierekliniek

Sheep: 2

#### Kroonstad, Kroonstad Dierehospitaal

Dairy: 2

#### Ladybrand, Ladybrand / Excelsior Dierekliniek

Sheep: 2

#### Reitz, Riemland Dierekliniek

Dairy: 1, Sheep: 2

#### Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

### Kwazulu-Natal

#### Bergville, Tugela Vet Clinic

Sheep: 2, Goat: 2

### Eastern Cape

#### Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 3

Dohne ewes on pasture - no vaccine available.

#### Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 3, Goat: 3

### Western Cape

#### Heidelberg WC, Heidelberg Dierekliniek

Sheep: 2

## Diarrhoea ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)	2.0 (3)		3.0 (3)	2.0 (10)	2.4 (7)	2.0 (3)	2.5 (6)	

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

<b>Beef</b>	1.5 (2)	2.0 (1)	3.0 (2)	2.0 (6)	2.3 (3)	2.0 (1)	3.0 (3)
<b>Dairy</b>				2.0 (1)	2.5 (2)	2.0 (2)	3.0 (1)
<b>Sheep</b>		2.0 (1)	3.0 (1)	2.0 (3)			2.0 (1)
<b>Goat</b>		2.0 (1)			2.5 (2)		1.0 (1)

### **Mpumalanga**

#### **Balfour, Balfour Dierekliniek**

Beef: 1

#### **Lydenburg, Lydenburg Dieresprekkamer**

Beef: 2

### **Gauteng**

#### **Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 2, Sheep: 2

#### **Bronkhorstspuit, Kerkstraat Dierekliniek**

Goat: 2

### **North West**

#### **Christiana, Christiana Dierehospitaal**

Beef: 3, Sheep: 3

#### **Stella, Stella Dierekliniek**

Beef: 3

### **Free State**

#### **Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 1

#### **Clocolan, Clocolan Dierekliniek**

Dairy: 2, Sheep: 2

#### **Ficksburg, Ficksburg Dierekliniek**

Beef: 1

#### **Frankfort, Frankfort Dierekliniek**

Beef: 3

#### **Hoopstad, Hoopstad Dierekliniek**

Beef: 2, Sheep: 2

#### **Memel, Memel Veterinary Clinic**

Sheep: 2

#### **Reitz, Riemland Dierekliniek**

Beef: 3

#### **Winburg, Winburg Dierekliniek**

Beef: 2

### **Kwazulu-Natal**

#### **Bergville, Tugela Vet Clinic**

Goat: 2

#### **Dundee, Mpati Veterinary Clinic**

Beef: 2

#### **Estcourt, Estcourt Vet Clinic**

Beef: 2, Dairy: 2

#### **Mooi River, Mooirivier Vet Clinic**

Dairy: 3, Goat: 3

#### **Pietermaritzburg, Richmond Veterinary Clinic**

Beef: 3

### **Eastern Cape**

#### **Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 2

#### **Uitenhage, Uitenhage Dierehospitaal**

Beef: 2, Dairy: 2

### **Western Cape**

#### **Caledon, Overberg Veterinary Hospital**



Beef: 3
<b>Ceres, Ceres Veterinary Hospital</b>
Sheep: 2
<b>George, George Animal Hospital</b>
Beef: 3
<b>Malmesbury, Dr Otto Kriek</b>
Beef: 3
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Dairy: 3
<b>Oudtshoorn, Oudtshoorn Dierekliniek</b>
Goat: 1

### Epididymitis ^

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

<b>Sheep</b>		1.0 (1)			1.0 (1)			2.0 (1)	
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<b>Gauteng</b>
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>
Sheep: 1
<b>Free State</b>
<b>Reitz, Riemland Dierekliniek</b>
Sheep: 1
<b>Western Cape</b>
<b>Beaufort West, Beaufort West State Vet</b>
Sheep: 2
Regularly found during routine ram tests.

### Eye Cancer ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					1.8 (5)	1.0 (2)	2.3 (4)	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

<b>Beef</b>					1.7 (3)	1.0 (1)	2.0 (1)		
<b>Dairy</b>					2.0 (1)	1.0 (1)	2.3 (3)	1.5 (2)	
<b>Sheep</b>					2.0 (1)				

<b>Free State</b>
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 2, Dairy: 2
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 1
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2, Sheep: 2
<b>Kwazulu-Natal</b>
<b>Estcourt, Estcourt Vet Clinic</b>

Dairy: 1
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 1
<b>Eastern Cape</b>
<b>Alexandria, Alexandria Platteland Spreekkamer</b>
Beef: 2
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Dairy: 2
<b>Somerset East, Bosberg Veterinary Clinic</b>
Dairy: 3
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Dairy: 2
<b>Western Cape</b>
<b>Heidelberg WC, Heidelberg Dierekliniek</b>
Dairy: 2
<b>Malmesbury, Bergzicht Dierehospitaal</b>
Dairy: 1

<b>Eye infections</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.7 (7)	2.0 (1)	2.0 (3)	2.8 (4)	1.9 (13)	2.1 (14)	2.0 (3)	2.0 (7)	3.0 (1)

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

<b>Beef</b>	1.6 (5)		2.0 (3)	2.7 (3)	2.0 (10)	2.0 (7)	2.0 (1)	1.3 (3)	3.0 (1)
<b>Dairy</b>					1.0 (1)	3.0 (2)	2.0 (2)	2.5 (2)	
<b>Sheep</b>	2.0 (2)	2.0 (1)		3.0 (1)	2.0 (2)	2.0 (2)		2.5 (2)	
<b>Goat</b>						1.7 (3)			

<b>Mpumalanga</b>
<b>Balfour, Balfour Dierekliniek</b>
Beef: 1, Sheep: 1
<b>Grootvlei, Grootvlei Dierekliniek</b>
Beef: 2
<b>Lydenburg, Lydenburg Dieresprekkamer</b>
Beef: 1
<b>Middelburg, Middelburg Dierehospitaal</b>
Beef: 1
<b>Volksrust, Volksrust Dierehospitaal</b>
Beef: 3, Sheep: 3
<b>Gauteng</b>
<b>Pretoria, Anima Veterinary Consulting Rooms</b>
Sheep: 2
<b>Limpopo</b>
<b>Bela-Bela, Warmbad Dierekliniek</b>
Beef: 3
<b>Machado, Blouberg Dierekliniek</b>
Beef: 2
<b>Mokopane, Dr Henk Visser</b>
Beef: 1

<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 3, Sheep: 3
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Beef: 2
Moraxella
<b>Stella, Stella Dierekliniek</b>
Beef: 3
<b>Free State</b>
<b>Bothaville, Cape Cross Bothaville Veterinary Hospital</b>
Beef: 2
<b>Bultfontein, Greylingrust Dieresprekkamer</b>
Beef: 2
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 2
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 3
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3
Vit A deficiency
Sheep: 3
Vit A deficiency
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>
Dairy: 1
<b>Memel, Memel Veterinary Clinic</b>
Beef: 1
<b>Parys, Parys Dierehospitaal</b>
Beef: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 1, Sheep: 1
<b>Vrede, Saulshoek Dierepraktyk</b>
Beef: 2
<b>Winburg, Winburg Dierekliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 3
<b>Bergville, Tugela Vet Clinic</b>
Sheep: 2
<b>Dundee, Mpati Veterinary Clinic</b>
Beef: 2
<b>Ingogo, Gen XY Stud Beef Consultancy</b>
Beef: 2
<b>Mooi River, Mooirivier Vet Clinic</b>
Dairy: 3
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 2, Goat: 2
<b>Pietermaritzburg, Richmond Veterinary Clinic</b>
Beef: 2, Sheep: 2, Goat: 2
<b>Pongola, Pongola Animal Clinic</b>
Beef: 1, Goat: 1
<b>Underberg, Underberg Veterinary Surgery</b>
Dairy: 3
<b>Vryheid, Dr GH Theron</b>

Beef: 2
<b>Eastern Cape</b>
<b>Alexandria, Alexandria Platteland Spreekkamer</b>
Beef: 2
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>
Dairy: 3
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Dairy: 1
<b>Western Cape</b>
<b>Caledon, Overberg Veterinary Hospital</b>
Beef: 1
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Dairy: 2
<b>Oudtshoorn, Ostrimed</b>
Beef: 2, Sheep: 2
<b>Stellenbosch, Stellenbosch Animal Hospital</b>
Beef: 1
<b>Swellendam, Swellendam Dierehospitaal</b>
Dairy: 3, Sheep: 3
<b>Northern Cape</b>
<b>Kimberley, Kimberley Dierekliniek</b>
Beef: 3

<b>Joint III</b>									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)	1.0 (2)			1.0 (3)		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

<b>Beef</b>	1.0 (1)	1.0 (1)			1.0 (3)		1.0 (1)	1.0 (1)	
<b>Dairy</b>								2.0 (1)	
<b>Sheep</b>		1.0 (1)							

<b>Mpumalanga</b>
<b>Balfour, Balfour Dierekliniek</b>
Beef: 1
<b>Gauteng</b>
<b>Pretoria, Anima Veterinary Consulting Rooms</b>
Sheep: 1
<b>Pretoria, Idexx Lab. OP</b>
Beef: 1
<b>Free State</b>
<b>Ficksburg, Ficksburg Dierekliniek</b>
Beef: 1
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 1
<b>Reitz, Riemland Dierekliniek</b>
Beef: 1
<b>Eastern Cape</b>
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Beef: 1
<b>Western Cape</b>

<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Dairy: 2									
<b>Stellenbosch, Stellenbosch Animal Hospital</b>									
Beef: 1									
<b>Lameness/Foot Problems</b>									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		2.0 (1)		2.0 (2)	2.0 (7)	2.8 (4)	1.5 (2)	2.8 (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									
<b>Beef</b>		2.0 (1)		2.0 (2)	1.7 (3)	3.0 (1)	1.0 (1)	3.0 (1)	2.0 (1)
<b>Dairy</b>					2.0 (1)	2.0 (1)	2.0 (1)	2.7 (3)	
<b>Sheep</b>					2.3 (3)	3.0 (1)		2.8 (4)	
<b>Goat</b>						3.0 (1)			
<b>Gauteng</b>									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Beef: 2									
<b>North West</b>									
<b>Christiana, Christiana Dierehospitaal</b>									
Beef: 3									
<b>Stella, Stella Dierekliniek</b>									
Beef: 1									
<b>Free State</b>									
<b>Clocolan, Clocolan Dierekliniek</b>									
Beef: 2, Dairy: 2									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 2, Sheep: 3									
<b>Kroonstad, Kroonstad Dierehospitaal</b>									
Beef: 1									
<b>Memel, Memel Veterinary Clinic</b>									
Sheep: 2									
<b>Vrede, Saulshoek Dierepraktyk</b>									
Sheep: 2									
<b>Kwazulu-Natal</b>									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Dairy: 2									
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>									
Beef: 3, Sheep: 3, Goat: 3									
<b>Eastern Cape</b>									
<b>Aliwal North, Uitspan C Troskie</b>									
Beef: 1									
<b>Uitenhage, Uitenhage Dierehospitaal</b>									
Dairy: 2									
<b>Western Cape</b>									
<b>Caledon, Overberg Veterinary Hospital</b>									
Sheep: 3									
<b>Ceres, Ceres Veterinary Hospital</b>									
Sheep: 2									
Laminitis									
<b>Darling, Darling Dierekliniek</b>									

Sheep: 3
Foot rot in sheep - many cases (3 +). Ticks causing lameness (3+)
<b>Malmesbury, Bergzicht Dierehospitaal</b>
Dairy: 2
<b>Malmesbury, Dr Otto Kriek</b>
Beef: 3
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Dairy: 3
<b>Swellendam, Swellendam Dierehospitaal</b>
Dairy: 3
Foot rot
Sheep: 3
Foot rot

<b>Northern Cape</b>
<b>Kimberley, Kimberley Dierekliniek</b>
Beef: 2

<b>Lung infection</b>									
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.7 (3)	2.5 (2)	1.8 (4)	3.0 (3)	2.2 (18)	2.1 (8)	1.7 (7)	1.5 (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

<b>Beef</b>	2.0 (2)		1.5 (2)	3.0 (2)	2.1 (11)	2.3 (4)	1.3 (3)	1.0 (2)	1.0 (1)
<b>Dairy</b>					2.0 (3)		2.3 (3)	3.0 (1)	
<b>Sheep</b>	1.0 (1)		2.0 (1)	3.0 (1)	2.8 (4)	2.0 (2)	1.0 (1)	1.5 (2)	
<b>Goat</b>		2.5 (2)	2.0 (1)			2.0 (2)		1.0 (1)	

<b>Mpumalanga</b>
<b>Balfour, Balfour Dierekliniek</b>
Beef: 2
<b>Ermelo, Joubertstraat Dierekliniek</b>
Sheep: 1
<b>Grootvlei, Grootvlei Dierekliniek</b>
Beef: 2
6 Cases of pneumonia in adult cattle
<b>Gauteng</b>
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>
Goat: 2
<b>Nigel, Welgelegen Dierekliniek</b>
Goat: 3
Pasteurellosis in kids
<b>Limpopo</b>
<b>Machado, Blouberg Dierekliniek</b>
Beef: 2, Sheep: 2, Goat: 2
<b>Tzaneen, Tzaneen Dierekliniek</b>
Beef: 1
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 3, Sheep: 3

<b>Vryburg, Vryburg Dierehospitaal</b>
Beef: 3
<b>Free State</b>
<b>Bloemfontein, Dr Stephan Wessels</b>
Beef: 2
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 3, Dairy: 2, Sheep: 3
<b>Ficksburg, Ficksburg Dierekliniek</b>
Beef: 2
Calves
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 2
<b>Harrismith, Harrismith Dierehospitaal</b>
Beef: 1
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3
Past haemolytica
Dairy: 2, Sheep: 3
Past haemolytica
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>
Beef: 2, Sheep: 2
<b>Parys, Parys Dierehospitaal</b>
Beef: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 3, Dairy: 2, Sheep: 3
<b>Viljoenskroon, Viljoenskroon Dierekliniek</b>
Beef: 1
<b>Winburg, Winburg Dierekliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 2
<b>Dundee, Endumeni Herd health</b>
Beef: 2, Sheep: 2, Goat: 2
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 2, Goat: 2
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>
Beef: 3
<b>Vryheid, Dr GH Theron</b>
Sheep: 2
<b>Eastern Cape</b>
<b>Alexandria, Alexandria Platteland Spreekkamer</b>
Beef: 2
<b>Aliwal North, Uitspan C Troskie</b>
Sheep: 1
<b>Cradock, Cradock Veterinary Clinic</b>
Beef: 1
Salmonellosis
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Dairy: 2
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>
Dairy: 3
<b>Somerset East, Bosberg Veterinary Clinic</b>
Beef: 1

Pasteurellosis, feedlot weaner

**Uitenhage, Uitenhage Dierehospitaal**

Dairy: 2

**Western Cape**

**Beaufort West, Beaufort West State Vet**

Sheep: 1

Lambs

Goat: 1

Lambs

**Ceres, Ceres Veterinary Hospital**

Sheep: 2

**Malmesbury, Malmesbury Dierehospitaal**

Dairy: 3

Wet, cold, stress

**Plettenberg Bay, Plettenberg Bay A Reitz**

Beef: 1

Foreign body pneumonia occurred after dosing.

**Stellenbosch, Provincial Veterinary Laboratory**

Beef: 1

Trueperella pyogenes was isolated from a lung sample of a calf carcass from the Stellenbosch area that presented with pneumonia.

**Northern Cape**

**Kimberley, Kimberley Dierekliniek**

Beef: 1

**Mastitis in general**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)	1.3 (3)		2.0 (3)	2.0 (9)	2.0 (5)	2.3 (3)	2.3 (9)	

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

<b>Beef</b>		1.3 (3)		1.5 (2)	1.7 (3)	1.5 (2)		1.0 (1)	
<b>Dairy</b>	1.0 (1)				2.0 (4)	2.3 (3)	2.3 (3)	2.7 (6)	
<b>Sheep</b>				3.0 (1)	2.5 (2)			2.0 (2)	

**Mpumalanga**

**Balfour, Balfour Dierekliniek**

Dairy: 1

**Gauteng**

**Pretoria, Anima Veterinary Consulting Rooms**

Beef: 1

**Pretoria, Idexx Lab. OP**

Beef: 2

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

Beef: 1

**North West**

**Christiana, Christiana Dierehospitaal**

Beef: 2

**Leeudoringstad, Leeudoringstad Dierekliniek**

Sheep: 3

Complicate with orf.

**Rustenburg, Protea Dierekliniek**



Beef: 1

**Free State**

**Bethlehem, Bethlehem Animal Hospital**

Dairy: 1

**Bultfontein, Greylingrust Dierspreekkamer**

Beef: 2

**Clocolan, Clocolan Dierekliniek**

Dairy: 3

**Harrismith, Harrismith Dierehospitaal**

Dairy: 1

**Hoopstad, Hoopstad Dierekliniek**

Beef: 2, Dairy: 3

Staph aerius

Sheep: 3

Staph aerius

**Memel, Memel Veterinary Clinic**

Beef: 1

**Winburg, Winburg Dierekliniek**

Sheep: 2

**Kwazulu-Natal**

**Bergville, Tugela Vet Clinic**

Beef: 1

**Estcourt, Estcourt Vet Clinic**

Dairy: 2

**Mooi River, Mooirivier Vet Clinic**

Dairy: 3

**Mtubatuba, Mtubatuba Animal Clinic**

Dairy: 2

**Pongola, Pongola Animal Clinic**

Beef: 2

**Eastern Cape**

**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 3

**Somerset East, Bosberg Veterinary Clinic**

Dairy: 2

**Uitenhage, Uitenhage Dierehospitaal**

Dairy: 2

**Western Cape**

**Caledon, Overberg Veterinary Hospital**

Dairy: 3

**Darling, Darling Dierekliniek**

Dairy: 1

Streptococcus agalactiae (SAG) and Staphylococcus aureus (STA)

Sheep: 3

Blue udder. Staphylococcus aureus isolated, ewes with 2 to 3 month lambs on Medics

**George, George Animal Hospital**

Dairy: 3

**Malmesbury, Bergzicht Dierehospitaal**

Dairy: 3

**Malmesbury, Dr Otto Kriek**

Dairy: 3

**Malmesbury, Malmesbury Dierehospitaal**

Dairy: 3

**Oudtshoorn, Ostrimed**

Beef: 1, Sheep: 1

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

**Gauteng**

**Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 1

**Free State**

**Ficksburg, Ficksburg Dierekliniek**

Beef: 1

**Kwazulu-Natal**

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 2

**Western Cape**

**George, George Animal Hospital**

Beef: 2

**Malmesbury, Malmesbury Dierehospitaal**

Dairy: 1

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

**Gauteng**

**Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 1

**Free State**

**Clocolan, Clocolan Dierekliniek**

Dairy: 1

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

	reported								
<b>Beef</b>	2.0 (1)	2.0 (1)			2.3 (3)	2.7 (3)			
<b>Dairy</b>						2.0 (1)	2.0 (1)		

<b>Mpumalanga</b>									
<b>Nelspruit, Nelspruit Animal Hospital</b>									
Beef: 2									
Most cases due to protein and energy deficiencies in nutrition. Cattle graze in wet areas and get stuck in the mud.									
<b>Gauteng</b>									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Beef: 2									
<b>Free State</b>									
<b>Frankfort, Frankfort Dierekliniek</b>									
Beef: 3									
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>									
Beef: 1									
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>									
Beef: 3									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 3									
<b>Camperdown, Camperdown Vet Clinic</b>									
Beef: 3									
Drought conditions – malnutrition									
<b>Estcourt, Estcourt Vet Clinic</b>									
Dairy: 2									
<b>Underberg, Waterford Farm, Underberg</b>									
Beef: 2									
Animals stuck in mud and die as water levels in dams drop									
<b>Eastern Cape</b>									
<b>Uitenhage, Uitenhage Dierehospitaal</b>									
Dairy: 2									

<b>Other</b>									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>						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

<b>Beef</b>						1.0 (1)		1.0 (1)	
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<b>Kwazulu-Natal</b>									
<b>Camperdown, Camperdown Vet Clinic</b>									
Beef: 1									
Middle ear infection (Otitis media)									
<b>Western Cape</b>									
<b>Stellenbosch, Provincial Veterinary Laboratory</b>									
Beef: 1									
Clostridium perfringens was isolated from an intestine sample from a carcass from the Caledon area that presented with very congested intestine with bloody, watery content.									

**Metabolic Diseases**

Acidosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		1.0 (2)			2.3 (12)	2.5 (2)	1.0 (2)	2.7 (3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>					2.3 (4)	2.5 (2)	1.0 (1)	3.0 (1)	
<b>Dairy</b>							1.0 (1)	3.0 (1)	
<b>Sheep</b>		1.0 (2)			2.3 (8)			2.0 (1)	
<b>Gauteng</b>									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Sheep: 1									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Sheep: 1									
<b>Free State</b>									
<b>Bothaville, Cape Cross Bothaville Veterinary Hospital</b>									
Sheep: 2									
<b>Clocolan, Clocolan Dierekliniek</b>									
Sheep: 3									
<b>Frankfort, Frankfort Dierekliniek</b>									
Beef: 2									
<b>Harrismith, Harrismith Dierehospitaal</b>									
Sheep: 2									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 3									
Graze on maize fields									
Sheep: 3									
Graze on maize fields									
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>									
Beef: 1, Sheep: 1									
<b>Parys, Parys Dierehospitaal</b>									
Sheep: 3									
Insufficient roughage in rations									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 3, Sheep: 1									
<b>Winburg, Winburg Dierekliniek</b>									
Sheep: 3									
<b>Kwazulu-Natal</b>									
<b>Bergville, Tugela Vet Clinic</b>									
Beef: 2									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Beef: 3									
<b>Eastern Cape</b>									
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>									
Dairy: 1									
<b>Uitenhage, Uitenhage Dierehospitaal</b>									
Beef: 1									
<b>Western Cape</b>									
<b>Caledon, Overberg Veterinary Hospital</b>									

Beef: 3
<b>Malmesbury, Bergzicht Dierehospitaal</b>
Sheep: 2
<b>Swellendam, Swellendam Dierehospitaal</b>
Dairy: 3

<b>Displaced abomasum</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>					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

<b>Dairy</b>					2.0 (2)		2.0 (1)		
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<b>Free State</b>									
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**Clocolan, Clocolan Dierekliniek**

Dairy: 2

**Parys, Parys Dierehospitaal**

Dairy: 2

<b>Eastern Cape</b>									
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**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 2

<b>Ketosis</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>					2.4 (5)	1.0 (1)	1.5 (2)	1.5 (2)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

<b>Dairy</b>					2.0 (1)	1.0 (1)	1.0 (1)		
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<b>Sheep</b>					2.5 (4)		2.0 (1)	1.5 (2)	
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<b>Free State</b>									
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**Frankfort, Frankfort Dierekliniek**

Sheep: 3

**Hoopstad, Hoopstad Dierekliniek**

Sheep: 3

Energy deficiency

**Reitz, Riemland Dierekliniek**

Dairy: 2, Sheep: 2

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 2

<b>Kwazulu-Natal</b>									
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**Mtubatuba, Mtubatuba Animal Clinic**

Dairy: 1

<b>Eastern Cape</b>									
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**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 1

**Uitenhage, Uitenhage Dierehospitaal**

Sheep: 2

Western Cape									
<b>Beaufort West, Beaufort West State Vet</b>									
Sheep: 2									
Mostly reports from farmers, due to drought and poor veld conditions.									
<b>Vredenburg, Vredenburg Dierehospitaal</b>									
Sheep: 1									
One out of a flock of 80 died									
Milk Fever									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		1.0 (2)			2.1 (8)	2.3 (4)	2.3 (3)	1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>					2.0 (1)			1.0 (1)	
<b>Dairy</b>		1.0 (2)			1.7 (3)	2.3 (4)	2.3 (3)		
<b>Sheep</b>					2.5 (4)				
Gauteng									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Dairy: 1									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Dairy: 1									
Free State									
<b>Bothaville, Cape Cross Bothaville Veterinary Hospital</b>									
Dairy: 1									
<b>Clocolan, Clocolan Dierekliniek</b>									
Dairy: 2									
<b>Frankfort, Frankfort Dierekliniek</b>									
Sheep: 3									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Sheep: 3									
Energy deficiency and twin lambs									
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>									
Sheep: 2									
<b>Reitz, Riemland Dierekliniek</b>									
Dairy: 2, Sheep: 2									
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>									
Beef: 2									
Kwazulu-Natal									
<b>Estcourt, Estcourt Vet Clinic</b>									
Dairy: 2									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Dairy: 3									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Dairy: 1									
<b>Underberg, Underberg Veterinary Surgery</b>									
Dairy: 3									
Hypocalcaemia, dairy herds, inadequate formulated transition rations									
Eastern Cape									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 2									

**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 3

**Uitenhage, Uitenhage Dierehospitaal**

Dairy: 2

**Western Cape****Stellenbosch, Stellenbosch Animal Hospital**

Beef: 1

Eight months pregnant Angus cow

**Reproductive diseases****Dystocia (Difficult Births)**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.1 (8)	1.8 (5)	1.5 (2)	2.4 (7)	2.4 (29)	2.2 (16)	2.1 (10)	2.1 (9)	1.5 (2)

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

<b>Beef</b>	2.1 (7)	2.0 (2)	1.5 (2)	2.4 (7)	2.5 (20)	2.1 (11)	1.8 (6)	2.2 (5)	2.0 (1)
<b>Dairy</b>					2.0 (2)	2.5 (2)	2.5 (2)	3.0 (1)	
<b>Sheep</b>	2.0 (1)	1.7 (3)			2.6 (7)	3.0 (1)	2.5 (2)	1.5 (2)	1.0 (1)
<b>Goat</b>						2.0 (2)		2.0 (1)	

**Mpumalanga****Bethal, Bethal Dierekliniek**

Beef: 2

**Ermelo, Moregloed Veterinere Spreekkamer**

Beef: 3

**Grootvlei, Grootvlei Dierekliniek**

Beef: 2

**Lydenburg, Lydenburg Diersprekkamer**

Beef: 1

**Middelburg, Middelburg Dierehospitaal**

Beef: 3

**Standerton, Econovet**

Beef: 2

**Volksrust, Volksrust Dierehospitaal**

Beef: 2, Sheep: 2

**Gauteng****Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 2, Sheep: 1

**Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 2

**Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 2

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

Sheep: 2

**Limpopo****Machado, Blouberg Dierekliniek**

Beef: 2

**Mokopane, Dr Henk Visser**

Beef: 1

**North West**

**Brits, Brits Dierekliniek**

Beef: 2

**Christiana, Christiana Dierehospitaal**

Beef: 3

**Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 2

**Rustenburg, Protea Dierekliniek**

Beef: 2

**Schweizer-Reneke, NJ Heyns**

Beef: 3

**Stella, Stella Dierekliniek**

Beef: 3

**Ventersdorp, Buffelsvlei Dierekliniek**

Beef: 2

One caesarean section.

**Free State**

**Bethlehem, Bethlehem Animal Hospital**

Beef: 2

**Bloemfontein, Dr Stephan Wessels**

Beef: 2

**Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 2

**Bultfontein, Greylingrust Dieresprekkamer**

Beef: 2

**Clocolan, Clocolan Dierekliniek**

Beef: 2, Dairy: 2, Sheep: 2

**Dewetsdorp, Platkop Dierekliniek**

Beef: 1

**Ficksburg, Ficksburg Dierekliniek**

Beef: 3

**Frankfort, Frankfort Dierekliniek**

Beef: 3, Sheep: 3

**Harrismith, Harrismith Dierehospitaal**

Beef: 3

Large calves. Pregnant cows grazed on harvested maize fields where cobs were not recovered.

**Hoopstad, Hoopstad Dierekliniek**

Beef: 3

Graze on maize fields

Sheep: 3

Graze on maize fields

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 3

**Ladybrand, Ladybrand / Excelsior Dierekliniek**

Beef: 2, Sheep: 2

**Memel, Memel Veterinary Clinic**

Beef: 3, Sheep: 3

**Parys, Parys Dierehospitaal**

Beef: 3

**Reitz, Riemland Dierekliniek**

Beef: 3, Dairy: 2, Sheep: 3

**Viljoenskroon, Viljoenskroon Dierekliniek**

Beef: 3



<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 3, Sheep: 2
<b>Wesselsbron, Wesselsbron Dierekliniek</b>
Beef: 1
<b>Winburg, Winburg Dierekliniek</b>
Beef: 3
<b>Zastron, Zastron Dierekliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 3
<b>Bergville, Tugela Vet Clinic</b>
Beef: 2
<b>Camperdown, Camperdown Vet Clinic</b>
Beef: 1
<b>Dundee, Endumeni Herd health</b>
Beef: 1
<b>Dundee, Mpati Veterinary Clinic</b>
Beef: 2
<b>Estcourt, Estcourt Vet Clinic</b>
Beef: 2, Dairy: 2
<b>Greytown, Greytown Veterinary Hospital</b>
Beef: 2
<b>Mooi River, Mooirivier Vet Clinic</b>
Beef: 3, Dairy: 3
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 2, Goat: 1
<b>Pietermaritzburg, Richmond Veterinary Clinic</b>
Beef: 3, Sheep: 3, Goat: 3
<b>Vryheid, Dr GH Theron</b>
Beef: 2
<b>Eastern Cape</b>
<b>Alexandria, Alexandria Platteland Spreekkamer</b>
Beef: 2
<b>Aliwal North, Uitspan C Troskie</b>
Beef: 2, Sheep: 2
<b>Cradock, Cradock Veterinary Clinic</b>
Beef: 1
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Dairy: 2
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>
Dairy: 3
<b>Middelburg (EC), Steynsburg Dierehospitaal</b>
Beef: 3, Sheep: 3
<b>Queenstown, Queenstown Veterinary clinic</b>
Beef: 2
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Beef: 1
<b>Western Cape</b>
<b>Beaufort West, Beaufort West State Vet</b>
Goat: 2
Angora ewes, suddenly worth more. Farmers prepared to do caesarians.
<b>Ceres, Ceres Veterinary Hospital</b>
Beef: 1

<b>Malmesbury, Dr Otto Kriek</b>
Beef: 3
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Dairy: 3
<b>Oudtshoorn, Ostrimed</b>
Beef: 1, Sheep: 1
<b>Stellenbosch, Stellenbosch Animal Hospital</b>
Beef: 3
<b>Swellendam, Swellendam Dierehospitaal</b>
Beef: 3, Sheep: 2
<b>Northern Cape</b>
<b>Kimberley, Kimberley Dierekliniek</b>
Beef: 2, Sheep: 1

<b>Endometritis</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>					1.7 (6)	2.0 (1)	3.0 (2)	3.0 (1)	

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

<b>Beef</b>					1.7 (3)				
<b>Dairy</b>					1.7 (3)	2.0 (1)	3.0 (2)	3.0 (1)	

<b>Free State</b>
<b>Clocolan, Clocolan Dierekliniek</b>
Dairy: 1
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 2, Dairy: 2
<b>Kroonstad, Kroonstad Dierehospitaal</b>
Beef: 1, Dairy: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Dairy: 2
<b>Eastern Cape</b>
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>
Dairy: 3
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Dairy: 3
<b>Western Cape</b>
<b>Malmesbury, Bergzicht Dierehospitaal</b>
Dairy: 3

<b>Metritis</b>										<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		1.0 (2)		2.0 (1)	1.7 (9)		3.0 (1)	2.5 (4)	

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

				reported				
<b>Beef</b>		1.0 (1)		2.0 (1)	1.7 (6)			3.0 (1)
<b>Dairy</b>					1.7 (3)		3.0 (1)	3.0 (2)
<b>Sheep</b>		1.0 (1)						1.0 (1)

<b>Gauteng</b>									
<b>Pretoria, Anima Veterinary Consulting Rooms</b>									
Sheep: 1									
<b>Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic</b>									
Beef: 1									
<b>North West</b>									
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>									
Beef: 2									
<b>Free State</b>									
<b>Bethlehem, Bethlehem Animal Hospital</b>									
Beef: 1									
<b>Bloemfontein, Dr Stephan Wessels</b>									
Beef: 2									
<b>Bultfontein, Greylingrust Dierspreekkamer</b>									
Beef: 2									
<b>Clocolan, Clocolan Dierekliniek</b>									
Dairy: 1									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 2, Dairy: 2									
<b>Reitz, Riemland Dierekliniek</b>									
Dairy: 2									
<b>Winburg, Winburg Dierekliniek</b>									
Beef: 2									
<b>Zastron, Zastron Dierekliniek</b>									
Beef: 1									
<b>Eastern Cape</b>									
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>									
Dairy: 3									
<b>Western Cape</b>									
<b>Caledon, Overberg Veterinary Hospital</b>									
Sheep: 1									
Clostridial endometritis									
<b>Malmesbury, Dr Otto Kriek</b>									
Beef: 3									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Dairy: 3									
Stress									
<b>Swellendam, Swellendam Dierehospitaal</b>									
Dairy: 3									

<b>Poor conception</b>									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.0 (1)			3.0 (1)	2.4 (7)	3.0 (1)	2.0 (2)	3.0 (3)	3.0 (1)

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

<b>Beef</b>	1.0 (1)			3.0 (1)	2.5 (4)		2.0 (1)	3.0 (1)	3.0 (1)
<b>Dairy</b>					2.5 (2)	3.0 (1)	2.0 (1)	3.0 (2)	
<b>Sheep</b>					2.0 (1)				

<b>Mpumalanga</b>									
<b>Lydenburg, Lydenburg Dieresprekkamer</b>									
Beef: 1									
<b>North West</b>									
<b>Christiana, Christiana Dierehospitaal</b>									
Beef: 3									
<b>Free State</b>									
<b>Clocolan, Clocolan Dierekliniek</b>									
Beef: 3, Dairy: 3									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 2, Sheep: 2									
<b>Parys, Parys Dierehospitaal</b>									
Beef: 2									
<b>Reitz, Riemland Dierekliniek</b>									
Dairy: 2									
<b>Winburg, Winburg Dierekliniek</b>									
Beef: 3									
<b>Kwazulu-Natal</b>									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Dairy: 3									
<b>Eastern Cape</b>									
<b>Uitenhage, Uitenhage Dierehospitaal</b>									
Beef: 2, Dairy: 2									
<b>Western Cape</b>									
<b>Caledon, Overberg Veterinary Hospital</b>									
Beef: 3									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Dairy: 3									
<b>Swellendam, Swellendam Dierehospitaal</b>									
Dairy: 3									
Cystic ovaries, anoestrus									
<b>Northern Cape</b>									
<b>Kathu, Kathu Dierekliniek</b>									
Beef: 3									

<b>Retained afterbirth</b>									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)	1.0 (1)	1.0 (1)	2.0 (2)	2.1 (11)	2.2 (6)	1.3 (3)	3.0 (2)	

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

<b>Beef</b>	1.5 (2)	1.0 (1)	1.0 (1)	2.0 (2)	2.1 (9)	2.0 (5)	1.0 (2)	3.0 (1)	
<b>Dairy</b>					2.0 (1)	3.0 (1)	2.0 (1)	3.0 (1)	
<b>Sheep</b>					2.0 (1)				

<b>Mpumalanga</b>									
<b>Balfour, Balfour Dierekliniek</b>									

Beef: 1
<b>Nelspruit, Nelspruit Animal Hospital</b>
Beef: 2
Most probably due to vitamin A and selenium deficiencies.
<b>Gauteng</b>
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>
Beef: 1
<b>Limpopo</b>
<b>Mokopane, Dr Henk Visser</b>
Beef: 1
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 2
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Beef: 2
<b>Free State</b>
<b>Bloemfontein, Dr Stephan Wessels</b>
Beef: 2
<b>Bultfontein, Greylingrust Dieresprekkamer</b>
Beef: 2
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 2, Dairy: 2
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 3
<b>Harrismith, Harrismith Dierehospitaal</b>
Beef: 2
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3
Vit A tekort
<b>Kroonstad, Kroonstad Dierehospitaal</b>
Beef: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 1, Sheep: 2
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 2
<b>Bergville, Tugela Vet Clinic</b>
Beef: 2
<b>Dundee, Mpati Veterinary Clinic</b>
Beef: 2
<b>Mooi River, Mooirivier Vet Clinic</b>
Dairy: 3
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 2
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>
Beef: 2
<b>Eastern Cape</b>
<b>Alexandria, Alexandria Platteland Spreekkamer</b>
Beef: 1
<b>Queenstown, Queenstown Veterinary clinic</b>
Beef: 1
<b>Uitenhage, Uitenhage Dierehospitaal</b>

Dairy: 2
<b>Western Cape</b>
<b>Malmesbury, Dr Otto Kriek</b>
Beef: 3
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Dairy: 3
Poor hygiene

<b>Uterus prolapse</b>									<a href="#">^</a>
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (4)	1.7 (3)			2.3 (13)	2.1 (8)	1.3 (3)	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

<b>Beef</b>	2.0 (4)	1.5 (2)			2.4 (8)	2.0 (6)			
<b>Dairy</b>						2.5 (2)	1.3 (3)	1.0 (2)	
<b>Sheep</b>		2.0 (1)			2.2 (5)				

<b>Mpumalanga</b>
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<b>Bethal, Bethal Dierekliniek</b>
Beef: 1
<b>Middelburg, Middelburg Dierehospitaal</b>
Beef: 3
General occurrence - weak animals on poor grazing
<b>Nelspruit, Nelspruit Animal Hospital</b>
Beef: 1
<b>Piet Retief, Pets Vet Hospital</b>
Beef: 3

<b>Gauteng</b>
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<b>Bapsfontein, Bapsfontein Dierehospitaal</b>
Beef: 1, Sheep: 2
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>
Beef: 2

<b>Free State</b>
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<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 2, Sheep: 2
<b>Ficksburg, Ficksburg Dierekliniek</b>
Beef: 3
Nutritional deficiencies
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 3, Sheep: 3
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3
Difficult births
Sheep: 2
<b>Kroonstad, Kroonstad Dierehospitaal</b>
Beef: 1
<b>Parys, Parys Dierehospitaal</b>
Beef: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 3, Sheep: 2

<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>									
Beef: 2, Sheep: 2									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 2									
<b>Bergville, Tugela Vet Clinic</b>									
Beef: 1									
<b>Camperdown, Camperdown Vet Clinic</b>									
Beef: 2									
<b>Estcourt, Estcourt Vet Clinic</b>									
Beef: 2, Dairy: 2									
<b>Greytown, Greytown Veterinary Hospital</b>									
Beef: 2									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Beef: 3, Dairy: 3									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 1									
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>									
Dairy: 2									
<b>Uitenhage, Uitenhage Dierehospitaal</b>									
Dairy: 1									
<b>Western Cape</b>									
<b>Malmesbury, Bergzicht Dierehospitaal</b>									
Dairy: 1									
<b>Stellenbosch, Stellenbosch Animal Hospital</b>									
Dairy: 1									
<b>Vaginal (Cervical) prolaps</b>									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.7 (3)	1.5 (2)		2.0 (1)	2.5 (12)	2.1 (9)	1.0 (2)	1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	1.7 (3)	2.0 (1)		2.0 (1)	2.6 (7)	2.3 (7)	1.0 (1)		
<b>Dairy</b>							1.0 (1)		
<b>Sheep</b>		1.0 (1)			2.4 (5)	1.5 (2)		1.0 (1)	
<b>Mpumalanga</b>									
<b>Bethal, Bethal Dierekliniek</b>									
Beef: 2									
<b>Nelspruit, Nelspruit Animal Hospital</b>									
Beef: 1									
Post calving									
<b>Piet Retief, Pets Vet Hospital</b>									
Beef: 2									
<b>Gauteng</b>									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Sheep: 1									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Beef: 2									

<b>North West</b>									
<b>Brits, Brits Dierekliniek</b>									
Beef: 2									
<b>Free State</b>									
<b>Clocolan, Clocolan Dierekliniek</b>									
Beef: 2, Sheep: 2									
<b>Ficksburg, Ficksburg Dierekliniek</b>									
Beef: 3									
Nutritional deficiencies									
<b>Frankfort, Frankfort Dierekliniek</b>									
Beef: 3									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 3, Sheep: 3									
Tails too short									
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>									
Beef: 2, Sheep: 2									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 3, Sheep: 3									
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>									
Beef: 2, Sheep: 2									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 3									
<b>Bergville, Tugela Vet Clinic</b>									
Beef: 2, Sheep: 1									
<b>Camperdown, Camperdown Vet Clinic</b>									
Beef: 2									
Prolaps of vagina post calving probably due to malnutrition.									
<b>Estcourt, Estcourt Vet Clinic</b>									
Beef: 2									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Beef: 3									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Beef: 2									
<b>Vryheid, Dr GH Theron</b>									
Beef: 2, Sheep: 2									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 1									
<b>Uitenhage, Uitenhage Dierehospitaal</b>									
Beef: 1									
<b>Western Cape</b>									
<b>Ceres, Ceres Veterinary Hospital</b>									
Sheep: 1									

## Climatical Cause

Lightning									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (2)	1.5 (2)			



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

<b>Beef</b>						2.0 (2)	1.5 (2)		
<b>Free State</b>									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 2									
<b>Vrede, Saulshoek Dierpraktik</b>									
Beef: 2									
<b>Kwazulu-Natal</b>									
<b>Estcourt, Estcourt Vet Clinic</b>									
Beef: 1									
<b>Underberg, Waterford Farm, Underberg</b>									
Beef: 2									
Two separate strikes (3 and 1 died)									

<b>Frozen to death</b>									^
<b>PROVINCE</b>	<b>Mpumalanga</b>	<b>Gauteng</b>	<b>Limpopo</b>	<b>North West</b>	<b>Free State</b>	<b>Kwazulu-Natal</b>	<b>Eastern Cape</b>	<b>Western Cape</b>	<b>Northern Cape</b>
<b>Average</b>								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

<b>Sheep</b>								2.0 (1)	
<b>Western Cape</b>									
<b>Beaufort West, Beaufort West State Vet</b>									
Sheep: 2									
Many reports in Angoras.									

<b>Preditors</b>									^
<b>PROVINCE</b>	<b>Mpumalanga</b>	<b>Gauteng</b>	<b>Limpopo</b>	<b>North West</b>	<b>Free State</b>	<b>Kwazulu-Natal</b>	<b>Eastern Cape</b>	<b>Western Cape</b>	<b>Northern Cape</b>
<b>Average</b>		1.5 (2)			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

<b>Beef</b>		1.0 (1)			2.0 (1)				
<b>Sheep</b>		2.0 (1)			3.0 (4)				

<b>Gauteng</b>									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Beef: 1, Sheep: 2									
<b>Free State</b>									
<b>Clocolan, Clocolan Dierekliniek</b>									
Beef: 2, Sheep: 3									
<b>Frankfort, Frankfort Dierekliniek</b>									
Sheep: 3									
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>									
Sheep: 3									
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>									
Sheep: 3									

## Sabotation - Theft ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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<b>Average</b>	3.0 (1)	2.0 (1)			2.3 (3)	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

<b>Beef</b>	3.0 (1)				2.0 (1)	3.0 (1)			
<b>Sheep</b>		2.0 (1)			2.5 (2)				

<b>Mpumalanga</b>
<b>Nelspruit, Nelspruit Animal Hospital</b>
Beef: 3
Barberton area especially during bright moon. Poor co-operation with the SAP. Farmers will have to fend for themselves.
<b>Gauteng</b>
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>
Sheep: 2
<b>Free State</b>
<b>Frankfort, Frankfort Dierekliniek</b>
Sheep: 2
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 2, Sheep: 3
<b>Kwazulu-Natal</b>
<b>Vryheid, Dr GH Theron</b>
Beef: 3

## Trauma ^

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

<b>Beef</b>					2.0 (1)				
<b>Sheep</b>					2.0 (1)				

<b>Free State</b>
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 2
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>
Sheep: 2

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

Sheep feedlots

Diseases in feedlots are decreasing as rain brings relief of dusty conditions. Dust always plays a role in pneumonia and with windy conditions prevailing dusty conditions were severe.

A few cases of pulpy kidney, blood gut and poor adaptation were seen.

White muscle disease occurred in lambs born in the Kalahari.

Cattle feedlots

Pneumonia cases were still prevalent resulting in numerous morbidities and mortalities. Stress were caused by dusty conditions and large variation between day and night temperatures. Stress has a negative effect on the immune system.

Poor quality calves were often taken into feedlots and vitamin A and trace element deficiencies which generally occur this time of the year contributed to poor vaccine reactions

An outbreak of pneumonia caused by *Histophilus somni* occurred in cattle under very dusty conditions.

**Monthly report for September, 2014 from IDEXX laboratories supplied by dr. Marijke Henton ([maryke@idexsa.net](mailto:maryke@idexsa.net))**

There were two bovine abortion cases due to *Brucella abortus*, and one due to *Campylobacter fetus*. Seven cases of pneumonia in cattle were due to *Mannheimia haemolytica*, as well as cases of *Histophilus somni* [1] and *Klebsiella pneumonia* [1]. *Actinobacillus pleuropneumoniae* caused pneumonia in a pig.

Mastitis in sheep was caused by *Staphylococcus pseudointermedius*. The current blue udder vaccines do not protect against such mastitis.

Two cases of infertility in rams were caused by *Mannheimia haemolytica* and *Mannheimia* biovar 8A. It is likely that such cases, formerly called infections due to the HPA group [*Haemophilus*, *Pasteurella*, *Actinobacillus*] will probably, using more modern identification methods, comprise a far wider spectrum of bacteria belonging to this group, than *Actinobacillus seminis* alone.

*Trueperella pyogenes* was the cause of abscessation in sheep, and septicaemia in a goat, and another goat had abscesses due to *Corynebacterium pseudotuberculosis*.

**Monthly report 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	Clostridial enterotoxaemia with DIC	1	Jeffreys Bay, E. Cape

Bovine	Hepatic lymphoma (EBL)	1	Jeffreys Bay, E. Cape
Bovine, Calves	Pneumonic Salmonellosis	2	Kokstad, KZN
Bovine, Stillborn	Hyperplastic Goitre	1	Bergville, KZN
Bovine, Fetus	In-utero Babesiosis	1	Richmond, KZN
Ovine	<i>Listeria enteritis (Listeria ivanovii)</i>	1	Moorreesburg, W. Cape
Bovine, Calf	Pneumonic Salmonellosis	1	Mooi River, KZN
Bovine	EBL (Serology)	1	Humansdorp, E. Cape
Bovine	EBL (Serology)	8	Mtubatuba, KZN
Ovine	Liver Flike	1	Vryheid, KZN
Bovine, Calves	Calf Paratyphoid fatal vaccine reactions	3	Humansdorp, E. Cape
Bovine, Calves	<i>Sarcina</i> sp ulcerative abomasitis	2	Kimberley, N. Cape
Bovine Dairy Cows	Vacuolar hepatopathy (NEB)	2	Bethal, Mpumulanga
Bovine, Dairy Cows	Acute coliform mastitis (mortalities)	14	Queenstown, Eastern Cape
Bovine, Fetus	Neospora	1	Nottingham Road, KZN
Ovine, Ram	Rumen acidosis with bacterial endotoxaemia	1	Humansdorp, E. Cape
Bovine, Bulls	<i>Trichostrongylus axei</i>	4	Somerset East, N. Cape
Ovine	Clostridial enterotoxaemia	1	Richmond, KZN
Bovine Calf	Complicated meconial aspiration pneumonia	1	Bethal, Mpumulanga
Bovine	Cachexia (Organic Farming Enterprise)	4	Nottingham Road, KZN
Bovine	Listeriosis	1	Mooi River, KZN

Bacterial isolate	Number of Cases
<i>Bacillus cereus</i>	0
<i>Citrobacter</i> spp	0
<i>Corynebacterium</i> spp	3
<i>Enterobacter</i> spp	0
<i>Enterococcus</i> spp	0
<i>Escherchia coli</i>	20
Haemolytic <i>Escherchia coli</i>	2
<i>Klebsiella</i> spp	0
<i>Proteus</i> spp	0
<i>Pseudomonas</i> spp	0
<i>Staphylococcus aureus</i>	44
<i>Staphylococcus epidermidis</i>	13
<i>Staphylococcus intermedius</i> group - white	179
<i>Staphylococcus intermedius</i> group - yellow	22
<i>Staphylococcus pseudintermedius</i>	14
<i>Staphylococcus</i> spp (Coagulase Negative)	1
<i>Streptococcus agalactiae</i>	0
<i>Streptococcus dysgalactiae</i>	7
<i>Streptococcus pneumoniae</i>	16
<i>Streptococcus uberis</i>	36

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