

**Monthly report on livestock disease trends as  
informally reported by veterinarians belonging to the  
Rural Veterinary Association of South Africa (RuVASA),  
a group of the South African Veterinary Association  
August 2014**

**The following practices and laboratories (102) submitted reports during August 2014:**

**Mpumalanga (10)**

Balfour – dr. Louis van Jaarsveld  
Bethal – dr. Hardus Pieters  
Ermelo – dr. Ben Potgieter  
Lydenburg – drs. Trümpelmann and Steyn  
Nelspruit – dr. André Beytell  
Middelburg – drs. Fourie and Rabie  
Piet Retief - drs. Niebuhr and Weber  
Standerton – dr. Kobie Kroon  
Standerton – drs. Nel, Swart. Vd Merwe and Berg  
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 and Rautenbach,  
Shakespear, drs. Blignaut, Carrington, De Haast, 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 Coertze  
Christiana - dr. Pieter Nel  
Leeudoringstad - dr. Ian Jonker  
Rustenburg – drs. Gaigher, Grobler, Sparks, Van Egdome, 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 (20)**

Bethlehem – drs. Basson, Strydom and Strydom

Bothaville – dr. Johan Blaauw

Clocolan – drs. Marwick and Wasserman

Dewetsdorp – dr. Marike Badenhorst

Ficksburg – dr. Woody Kotze

Frankfort - dr. Dries Lessing

Harrismith - drs. Pretorius, Thirion and Nel

Hertzogville – dr. Nico Hendrikz

Hoopstad - dr. Kobus Pretorius

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

Ladybrand- drs. De Vos and Nel

Memel – 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 – dr. Pieter Myburgh and Bester-Cloete

Winburg – drs. Albertyn and Albertyn

Zastron – dr. Phillip Brandt

**KwaZulu-Natal (19)**

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

Newcastle – dr. Barry Rafferty and Oglesby

Pietermaritzburg – dr. Phillip Kretzmann

Pietermaritzburg – Rick Mapham

Pongola – dr. Heinz Kohrs

Underberg - drs. Collins, King and Delaney

Underberg – dr. Peter Dommert

Vryheid – dr. Gert Theron

**Eastern Cape (9)**

Alexandria – drs. Olivier and Dreyer

Aliwal North – drs. Troskie and Strauss

Cradock – dr. Frans Erasmus

Graaff- Reinet - dr. Roland Larson

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

Jeffreys Bay – drs. Lategan, Hoek and McFarlane

Middelburg – drs. Van Rooyen and Viljoen

Stutterheim – dr. Dave Waterman

Uitenhage – drs. Mulder, Krüger, Eldridge and Swartz

### **Western Cape (15)**

Beaufort West - drs. Pienaar and Grobler

Caledon – drs. Retief and Rissik

Ceres – dr. Johani Pieterse

Darling – drs. Van der Merwe and Adam

George - drs. Strydom, Truter, and Pettifer

Heidelberg – dr. Albert van Zyl

Malmesbury – dr. Otto Kriek

Malmesbury – dr. John Liebenberg

Oudtshoorn – dr. Glen Carlisle

Oudtshoorn dr. Adriaan Olivier-

Plettenberg Bay – dr. André Reitz

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. De Beer and De Beer

De Aar – dr. Donald Anderson

Kathu – dr. Jan Vorster

Kimberley – drs. Van Heerden and Swart

Upington - dr. Ian Vorster

### **Feed lots (1)**

Drs. Morris and Du Preez

### **Laboratory reports (2)**

Dr. Marijke Henton -Idexx SA Johannesburg

Dr. Rick Last – Vetdiagnostix -Pietermaritzburg

## **Summary of disease report for August 2014**

102 Reports from veterinary practices and laboratories were received (Mpumalanga 10; Gauteng 5; Limpopo 7; North West 9; Free State 20; KwaZulu-Natal 19; Eastern Cape 9; Western Cape 15; Northern Cape 5; Feedlot 1 and Laboratories 2.

### **Internal parasites**

#### Roundworms

With colder temperatures in winter the infestation rate of most roundworm species (especially **wireworm**) declined in the summer rainfall areas. However reports of infestations, especially in small stock, are still received. In the winter rainfall areas **brown stomach-worm** infestations are on the increase.

Beware of certain parasites such as **wireworm** and **brown stomach-worm hibernating** (hypobiosis) in winter causing serious problems in early spring.

Despite colder weather conditions reports of **wireworm infestations** were received from Mpumalanga, Gauteng, Free State and KwaZulu-Natal.

Reports of brown **stomach-worm infestations** were received from the Free State, Eastern Cape and the Western-Cape.

A long-necked bankrupt worm infestation in dairy calves was reported from Humansdorp and cattle bankrupt worm from Nelspruit.

Evaluate worm infestation with the 5-point check and faecal egg counts and discuss the parasite control programme 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 graze vleis in winter where water bodies are prevalent. The intermediate hosts, snails, and the infective stages (metacercariae) of **liver** and **conical flukes** are present in these areas. It is no wonder that reports of serious problems with these parasites were received from Mpumalanga, Gauteng, North West, Free State, KwaZulu-Natal and Eastern Cape. Observe animals for signs of infestation: bottle jaw, anaemia and weight loss. The active triclabendazole controls early immature flukes. Farmers should have a strategic plan to control liver fluke as one cannot only rely on anthelmintics. Discuss measures with your veterinarian.

#### Tapeworms

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

#### Cysticercosis (measles)

Reports were received from Mpumalanga, Gauteng, North West, 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** are still prevalent in most provinces despite colder ambient temperatures. 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 and Eastern Cape) **brown ear-tick** (Mpumalanga and KwaZulu-Natal), **bont-legged tick** (Mpumalanga, Gauteng, North West and Free State and KwaZulu-Natal), **red-legged tick** (Mpumalanga, North West and Free State) and **paralysis ticks** (Free State, KwaZulu-Natal and Western Cape). 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

In winter **lice (sucking and biting)** poses a problem. Numerous reports were received (Mpumalanga, North West, Free State, KwaZulu-Natal, Eastern Cape, Western Cape and Northern Cape) and as the nutritional value of grazing decreases these parasites pose a health problem for animals. Sheep farmers should be aware of red lice been 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 North West, Free State, Eastern, Western and Northern Cape.

#### Flies, midges and mosquitoes

A few cases were reported.

### **Tick borne diseases**

#### African and Asiatic red water

Although the occurrence of these diseases is usually lower in winter, reports were received from Mpumalanga, Gauteng, Limpopo, Free State, KwaZulu-Natal, Eastern Cape and the Western Cape. Discuss vaccination programmes with your veterinarian.

#### Anaplasmosis

Numerous reports of outbreaks were received from all provinces. 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 North West. This disease is caused by the toxin of the bont-legged ticks.

### **Insect transmitted diseases**

#### Lumpy skin disease

Reports (Mpumalanga, Limpopo, North- West, Free State, KwaZulu-Natal and the 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 (Mpumalanga and KwaZulu-Natal) were reported.

#### Blue tongue

Only one case was reported from the Western Cape.

All these diseases could be controlled if a proper vaccination program is followed. Consult your veterinarian. Orders for these vaccines should now be placed to prevent losses during the next rainy season when the vectors (midges, mosquitoes and biting flies) are present. At present Onderstepoort Biological Products has a problem in manufacturing Three day stiff sickness, Blue tongue and African Horse sickness vaccines. In a communication sent out by OBP vaccines will hopefully be available in October.

#### Rift Valley Fever and Wesselsbron disease

No reports were received

#### **Venereal diseases**

##### Trichomonosis

This venereal disease is causing havoc in our country. There were only two provinces (Gauteng and Western Cape) not reporting 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 control these diseases.

##### Vibriosis

Regular reports (11 practices) are received. Good vaccines exist to control this disease.

##### Pizzle disease

Reports were received from Gauteng, Western and Northern Cape.

#### **Bacterial diseases**

The following bacterial diseases were reported: **blackquarter, intra uterine gangrene, pulpy kidney, swelled head, red gut, blood gut, tetanus, botulism, salmonellosis, bovine brucellosis, ovine brucellosis, Johnes, leptospirosis, enzootic abortion, colibacillosis 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 Mpumalanga, Limpopo, North West, Free State and KwaZulu-Natal. 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: **infectious bovine rhinotracheitis (IBR), bovine viral diarrhoea (BVD), bovine viral syncytial virus (BRSV), 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*), gifblaar, *Lantana*, Lupine, *Senecio*, krimpsiekte, tulip, vermeersiekte (*Gaigeria spp.*) photosensitivity, nitrate, urea, copper, organophosphate, acidosis and snake bite.**

Draw up a **protocol** with your veterinarian 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. Deficiencies in **macro-** and **micro-minerals** were received. It is important that animals receive supplementation during these deficient period.

#### 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.

#### Practices that had nothing to report:

Stutterheim and Stella

### DISEASE DISTRIBUTION REPORT AS REPORTED BY VETERINARIANS

rep_disease_sur	vetprac	
-----------------	---------	--

Month:

Aug 2014 ▼

#### Table of Contents

<b><u>Internal Parasites</u></b>	<a href="#">Roundworms in general</a> , <a href="#">Resistant Round Worms</a> , <a href="#">Wireworm</a> , <a href="#">Brown stomach-worm</a> , <a href="#">Tape Worms</a> , <a href="#">Parafilaria</a> , <a href="#">Liver fluke</a> , <a href="#">Conical Flukes</a> , <a href="#">Cysticercosis</a>
<b><u>External Parasites</u></b>	<a href="#">Blue ticks</a> , <a href="#">Resistant blue Ticks</a> , <a href="#">Heartwater (Bont) ticks</a> , <a href="#">Brown ear-ticks</a> , <a href="#">Bont-legged ticks</a> , <a href="#">Red-legged ticks</a> , <a href="#">Paralysis ticks</a> , <a href="#">Biting lice (red lice)</a> , <a href="#">Sucking lice (blue lice)</a> , <a href="#">Scab mites</a> , <a href="#">Mange Mites</a> , <a href="#">Nuisance Flies</a> , <a href="#">Blowflies</a> , <a href="#">Screw-worm</a> , <a href="#">Nasal bot larvae</a> , <a href="#">Midges</a>
<b><u>Tick-borne Diseases</u></b>	<a href="#">African red water</a> , <a href="#">Asiatic red water</a> , <a href="#">Anaplasmosis</a> , <a href="#">Heartwater</a> , <a href="#">Sweating Sickness</a> , <a href="#">Corridor disease</a>
<b><u>Insect Transmittable Diseases</u></b>	<a href="#">Lumpy skin disease</a> , <a href="#">Three-day-stiffsickness</a> , <a href="#">Blue tongue</a>

<b><u>Venereal Diseases</u></b>	<a href="#">Trichomonosis</a> , <a href="#">Vibriosis</a> , <a href="#">Pizzle disease</a>
<b><u>Bacterial Disease (other)</u></b>	<a href="#">Other</a> , <a href="#">Blackquarter</a> , <a href="#">Pulpy Kidney</a> , <a href="#">Lamb dysentery</a> , <a href="#">Swelled head disease</a> , <a href="#">Redgut (cattle)</a> , <a href="#">Blood gut (Sheep)</a> , <a href="#">Tetanus</a> , <a href="#">Botulism</a> , <a href="#">Salmonellosis</a> , <a href="#">Brucella abortus</a> , <a href="#">Brucella ovis</a> , <a href="#">Johne`s disease</a> , <a href="#">Enzootic Abortion</a> , <a href="#">E.coli</a> , <a href="#">Dermatophilosis (Lumpy Wool)</a> , <a href="#">Intrauterine Gangrene</a> , <a href="#">Fusibacterium necrophorum</a>
<b><u>Protozoal diseases (other)</u></b>	<a href="#">Coccidiosis</a>
<b><u>Fungal diseases</u></b>	<a href="#">Ringworm</a>
<b><u>Viral Diseases (other)</u></b>	<a href="#">BMC</a> , <a href="#">BVD (Bovine viral diarrhoea)</a> , <a href="#">IBR (Infectious bovine rhinotracheitis)</a> , <a href="#">BRSV (Bovine respiratory syncytial virus)</a> , <a href="#">Enzootic Bovine Leucosis (EBL)</a> , <a href="#">Jaagsiekte</a> , <a href="#">Orf</a> , <a href="#">Warts</a>
<b><u>Poisonings (Plant)</u></b>	<a href="#">Cardiac glycoside poisoning</a> , <a href="#">Cestrum</a> , <a href="#">Gifblaar</a> , <a href="#">Lantana</a> , <a href="#">Lupine Poisoning</a> , <a href="#">Nenta poisoning (Krimpsiekte)</a> , <a href="#">Nitrate poisoning</a> , <a href="#">Prussic acid poisoning</a> , <a href="#">Seneciosis</a> , <a href="#">Tulip Poisoning</a> , <a href="#">Vermeersiekte (Gaigeria spp.)</a> , <a href="#">Other</a>
<b><u>Poisonings</u></b>	<a href="#">Urea Poisoning</a> , <a href="#">Snake Bite</a> , <a href="#">Copper Poisoning</a> , <a href="#">Chemical products</a>
<b><u>Macro Nutritional Problems</u></b>	<a href="#">Energy deficiency</a> , <a href="#">Protein deficiency</a> , <a href="#">Phosphate deficiency</a> , <a href="#">Calcium deficiency</a>
<b><u>Micro Nutritional Problems</u></b>	<a href="#">Iodine deficiency</a> , <a href="#">Copper deficiency</a> , <a href="#">Zinc deficiency</a> , <a href="#">Selenium deficiency</a> , <a href="#">Magnesium deficiency</a> , <a href="#">Manganese deficiency</a> , <a href="#">Vitamin A deficiency</a> , <a href="#">Vitamin B deficiency</a>
<b><u>Multi-factorial Disease Conditions</u></b>	<a href="#">Abortions</a> , <a href="#">Stillbirths</a> , <a href="#">Abscesses</a> , <a href="#">Abscesses in general</a> , <a href="#">Bladder stones</a> , <a href="#">Blindness</a> , <a href="#">Bloat</a> , <a href="#">Blood gut (sheep and goat)</a> , <a href="#">Blue udder</a> , <a href="#">Diarrhoea</a> , <a href="#">Eye Cancer</a> , <a href="#">Eye infections</a> , <a href="#">Joint Ill</a> , <a href="#">Lameness/Foot Problems</a> , <a href="#">Lung infection</a> , <a href="#">Mastitis in general</a> , <a href="#">Navel Ill</a> , <a href="#">Redgut (Sheep)</a> , <a href="#">Trauma</a> , <a href="#">Downer</a> , <a href="#">Other</a>
<b><u>Metabolic Diseases</u></b>	<a href="#">Acidosis</a> , <a href="#">Displaced abomasum</a> , <a href="#">Ketosis</a> , <a href="#">Milk Fever</a>
<b><u>Reproductive diseases</u></b>	<a href="#">Dystocia (Difficult Births)</a> , <a href="#">Endometritis</a> , <a href="#">Metritis</a> , <a href="#">Poor conception</a> , <a href="#">Retained afterbirth</a> , <a href="#">Uterus prolaps</a> , <a href="#">Vaginal (Cervical) prolaps</a>
<b><u>Climatical Cause</u></b>	<a href="#">Lightning</a>
<b><u>Residues</u></b>	<a href="#">Drug residues</a>
<b><u>Non specific diseases</u></b>	<a href="#">Preditors</a> , <a href="#">Sabotation - Theft</a> , <a href="#">Trauma</a>

## Internal Parasites

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



<b>Average</b>	1.9 (7)	2.0 (4)	2.0 (2)	2.0 (1)	1.9 (7)	1.8 (11)	2.0 (2)	2.1 (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 (2)	2.0 (1)			2.0 (1)	2.0 (3)		2.5 (2)	
<b>Dairy</b>					2.0 (1)		2.0 (1)		
<b>Sheep</b>	2.0 (3)	2.0 (2)	2.0 (1)	2.0 (1)	1.8 (5)	1.8 (4)	2.0 (1)	2.2 (5)	2.0 (1)
<b>Goat</b>	1.5 (2)	2.0 (1)	2.0 (1)			1.8 (4)		1.0 (1)	

### Mpumalanga

#### Balfour, Balfour Dierekliniek

Beef: 2, Sheep: 2, Goat: 2

#### Nelspruit, Nelspruit Animal Hospital

Beef: 2

Cooperia infestation in young weaner calves on poor winter grazing. Diarrhoea, anaemia and mortalities

#### Standerton, Econovet

Sheep: 2

#### Standerton, Standerton Dierehospitaal

Goat: 1

#### Volkstrust, Volkstrust Dierehospitaal

Sheep: 2

### Gauteng

#### Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 2, Goat: 2

#### Pretoria, Anima Veterinary Consulting Rooms

Beef: 2, Sheep: 2

### Limpopo

#### Tzaneen, Tzaneen Dierekliniek

Sheep: 2, Goat: 2

### North West

#### Christiana, Christiana Dierehospitaal

Sheep: 2

### Free State

#### Bethlehem, Bethlehem Animal Hospital

Sheep: 1

#### Clocolan, Clocolan Dierekliniek

Sheep: 2

#### Frankfort, Frankfort Dierekliniek

Beef: 2, Dairy: 2, Sheep: 3

#### Memel, Memel Veterinary Clinic

Sheep: 1

#### Parys, Parys Dierehospitaal

Sheep: 2

### Kwazulu-Natal

#### Bergville, Tugela Vet Clinic

Sheep: 2, Goat: 2

#### Dundee, Mpati Veterinary Clinic

Sheep: 2

#### Estcourt, Estcourt Vet Clinic

Sheep: 2, Goat: 2

#### Howick, Howick Veterinary Clinic

Beef: 3

#### Kokstad, E.G.Veterinary Services

Beef: 1, Sheep: 1, Goat: 1

<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 2, Goat: 2
<b>Eastern Cape</b>
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Dairy: 2
Nematodirus
Sheep: 2
<b>Western Cape</b>
<b>Caledon, Overberg Veterinary Hospital</b>
Beef: 2, Sheep: 2
<b>George, George Animal Hospital</b>
Sheep: 3
Wet conditions
<b>Heidelberg WC, Heidelberg Dierekliniek</b>
Sheep: 2
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Beef: 3, Sheep: 3
<b>Oudtshoorn, Ostrimed</b>
Sheep: 1, 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)					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)	
<b>Goat</b>			1.0 (1)						

<b>Mpumalanga</b>
<b>Volkstrust, Volkstrust Dierehospitaal</b>
Sheep: 2
<b>Limpopo</b>
<b>Tzaneen, Tzaneen Dierekliniek</b>
Sheep: 1, Goat: 1
<b>Western Cape</b>
<b>George, George Animal Hospital</b>
Sheep: 3

<b>Wireworm</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 (2)	2.0 (3)			2.0 (3)	2.0 (4)			

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

<b>Sheep</b>	2.0 (1)	2.0 (2)			2.0 (3)	2.0 (2)			
--------------	---------	---------	--	--	---------	---------	--	--	--

<b>Goat</b>	<b>2.0 (1)</b>	<b>2.0 (1)</b>	<b>2.0 (2)</b>
-------------	----------------	----------------	----------------

<b>Mpumalanga</b>									
<b>Balfour, Balfour Dierekliniek</b>									
Sheep: 2, Goat: 2									
<b>Gauteng</b>									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Sheep: 2, Goat: 2									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Sheep: 2									
<b>Free State</b>									
<b>Frankfort, Frankfort Dierekliniek</b>									
Sheep: 3									
<b>Harrismith, Harrismith Dierehospitaal</b>									
Sheep: 2									
Few cases of severe wireworm infestation. In April treated sheep with a drug with residual action, but good management was not implemented after treatment. Most problems were found where sheep were kraaled at night.									
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>									
Sheep: 1									
<b>Kwazulu-Natal</b>									
<b>Bergville, Tugela Vet Clinic</b>									
Sheep: 2, Goat: 2									
<b>Estcourt, Estcourt Vet Clinic</b>									
Sheep: 2, Goat: 2									

<b>Brown stomach-worm</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 (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>Sheep</b>					2.0 (1)		1.0 (1)	2.5 (2)	
--------------	--	--	--	--	---------	--	---------	---------	--

<b>Free State</b>									
<b>Reitz, Riemland Dierekliniek</b>									
Sheep: 2									
<b>Eastern Cape</b>									
<b>Aliwal North, Uitspan C Troskie</b>									
Sheep: 1									
<b>Western Cape</b>									
<b>Heidelberg WC, Heidelberg Dierekliniek</b>									
Sheep: 2									
<b>Oudtshoorn, Ostrimed</b>									
Sheep: 3									

On pastures. Owners have "treated with every possible product" □ a lot of education needed. Differential diagnosis: high moisture diarrhoea – move to dry feed only resolves problem.

<b>Tape Worms</b>									<a href="#">^</a>
-------------------	--	--	--	--	--	--	--	--	-------------------

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

<b>Average</b>	1.2 (5)	1.0 (2)	1.0 (1)	1.8 (8)	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>	1.0 (1)	1.0 (1)			1.0 (1)	
<b>Dairy</b>				1.0 (1)		
<b>Sheep</b>	1.5 (2)	1.0 (1)	1.0 (1)	1.9 (7)	1.0 (1)	2.7 (3)
<b>Goat</b>	1.0 (2)					

### Mpumalanga

#### Balfour, Balfour Dierekliniek

Beef: 1, Sheep: 1, Goat: 1

#### Standerton, Standerton Dierehospitaal

Goat: 1

#### Volkstrust, Volkstrust Dierehospitaal

Sheep: 2

### Limpopo

#### Tzaneen, Tzaneen Dierekliniek

Beef: 1, Sheep: 1

### North West

#### Christiana, Christiana Dierehospitaal

Sheep: 1

### Free State

#### Bethlehem, Bethlehem Animal Hospital

Sheep: 1

#### Bloemfontein, Dr Stephan Wessels

Sheep: 2

#### Clocolan, Clocolan Dierekliniek

Sheep: 3

#### Parys, Parys Dierehospitaal

Dairy: 1, Sheep: 2

#### Reitz, Riemland Dierekliniek

Sheep: 2

#### Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 1

#### Vrede, Vrede Dierehospitaal

Sheep: 2

### Kwazulu-Natal

#### Kokstad, E.G.Veterinary Services

Beef: 1

#### Pietermaritzburg, Richmond Veterinay Clinic

Sheep: 1

### Western Cape

#### George, George Animal Hospital

Sheep: 2

#### Malmesbury, Malmesbury Dierehospitaal

Sheep: 3

#### Riversdal, Riversdal Dierekliniek

Sheep: 3

## Parafilaria



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

### Limpopo

#### Mokopane, Dr Henk Visser

Beef: 2

### Kwazulu-Natal

#### Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

## Liver fluke

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

<b>Average</b>	1.8 (4)	1.5 (4)		3.0 (1)	1.8 (12)	2.3 (7)	1.0 (1)		
----------------	---------	---------	--	---------	----------	---------	---------	--	--

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

<b>Beef</b>	1.7 (3)	2.0 (2)		3.0 (1)	1.9 (7)	2.6 (5)			
<b>Dairy</b>					2.0 (1)	2.0 (1)	1.0 (1)		
<b>Sheep</b>	2.0 (1)	1.0 (1)			1.5 (4)	1.0 (1)			
<b>Goat</b>		1.0 (1)							

### Mpumalanga

#### Balfour, Balfour Dierekliniek

Beef: 1

#### Standerton, Econovet

Sheep: 2

#### Standerton, Standerton Dierehospitaal

Beef: 3

#### Volksrust, Volksrust Dierehospitaal

Beef: 1

### Gauteng

#### Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2, Sheep: 1, Goat: 1

#### Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

### North West

#### Rustenburg, Protea Dierekliniek

Beef: 3

### Free State

#### Bethlehem, Bethlehem Animal Hospital

Beef: 2

#### Ficksburg, Ficksburg Dierekliniek

Beef: 1

#### Frankfort, Frankfort Dierekliniek

Beef: 3, Dairy: 2, Sheep: 2

#### Harrismith, Harrismith Dierehospitaal

Sheep: 1

#### Reitz, Riemland Dierekliniek

Beef: 1
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 2, Sheep: 2
<b>Vrede, Saulshoek Dierepraktyk</b>
Beef: 2, Sheep: 1
<b>Vrede, Vrede Dierehospitaal</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Dundee, Endumeni Herd health</b>
Beef: 3
<b>Estcourt, Estcourt Vet Clinic</b>
Dairy: 2
<b>Howick, Howick Veterinary Clinic</b>
Beef: 3
<b>Kokstad, E.G.Veterinary Services</b>
Beef: 1
<b>Newcastle, Ncanduvet Newcastle</b>
Beef: 3, Sheep: 1
<b>Vryheid, Dr GH Theron</b>
Beef: 3
<b>Eastern Cape</b>
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Dairy: 1

<b>Conical Flukes</b>									<a href="#">^</a>
-----------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)				2.0 (5)	1.8 (5)	1.0 (1)		

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

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

<b>Mpumalanga</b>
<b>Balfour, Balfour Dierekliniek</b>
Beef: 1
<b>Standerton, Standerton Dierehospitaal</b>
Beef: 2
<b>Free State</b>
<b>Ficksburg, Ficksburg Dierekliniek</b>
Beef: 1
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 3
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 2, Sheep: 2
<b>Kwazulu-Natal</b>
<b>Howick, Howick Veterinary Clinic</b>
Beef: 3
<b>Newcastle, Ncanduvet Newcastle</b>
Beef: 1

<b>Pietermaritzburg, Dr Rick Mapham Consultancy</b>									
Beef: 2									
<b>Pongola, Pongola Animal Clinic</b>									
Beef: 1									
<b>Vryheid, Dr GH Theron</b>									
Beef: 2									
<b>Eastern Cape</b>									
<b>Aliwal North, Uitspan C Troskie</b>									
Sheep: 1									

<b>Cysticercosis</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)	1.0 (1)		1.0 (1)		2.0 (1)		2.0 (1)	

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

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

<b>Mpumalanga</b>									
<b>Nelspruit, Nelspruit Animal Hospital</b>									
Beef: 3									
All cases seen at Abattoir and originated from feedlots.									
<b>Gauteng</b>									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Sheep: 1									
<b>North West</b>									
<b>Vryburg, Vryburg Dierehospitaal</b>									
Beef: 1									
<b>Kwazulu-Natal</b>									
<b>Underberg, Underberg Veterinary Surgery</b>									
Sheep: 2									
<b>Western Cape</b>									
<b>George, George Animal Hospital</b>									
Sheep: 2									

<b>External Parasites</b>									
---------------------------	--	--	--	--	--	--	--	--	--

<b>Blue ticks</b>									<a href="#">^</a>
-------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.8 (6)	2.0 (3)	2.3 (3)	2.3 (3)	2.0 (4)	1.8 (11)		2.1 (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>	1.8 (5)	2.0 (2)	2.3 (3)	2.3 (3)	2.0 (4)	1.9 (9)		2.2 (6)	
<b>Dairy</b>	2.0 (1)					1.5 (2)		2.0 (2)	
<b>Sheep</b>		2.0 (1)							

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

Beef: 1
<b>Lydenburg, Lydenburg Dieresprekkamer</b>
Beef: 2
<b>Nelspruit, Nelspruit Animal Hospital</b>
Beef: 2
Immature stages
Dairy: 2
Immature stages
<b>Standerton, Econovet</b>
Beef: 2
<b>Volkswater, Volkswater Dierehospitaal</b>
Beef: 2
<b>Gauteng</b>
<b>Nigel, Welgelegen Dierekliniek</b>
Beef: 2
<b>Pretoria, Anima Veterinary Consulting Rooms</b>
Beef: 2, Sheep: 2
<b>Limpopo</b>
<b>Mokopane, Dr Henk Visser</b>
Beef: 2
<b>Tzaneen, Tzaneen Dierekliniek</b>
Beef: 2
<b>Vaalwater, Vaalwater Dieresprekkamer</b>
Beef: 3
<b>North West</b>
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Beef: 2
<b>Schweizer-Reneke, NJ Heyns</b>
Beef: 3
<b>Ventersdorp, Buffelsvlei Dierekliniek</b>
Beef: 2
<b>Free State</b>
<b>Bethlehem, Bethlehem Animal Hospital</b>
Beef: 3
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 2
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 2
<b>Winburg, Winburg Dierekliniek</b>
Beef: 1
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 2
<b>Bergville, Tugela Vet Clinic</b>
Beef: 2
<b>Dundee, Endumeni Herd health</b>
Beef: 2
<b>Estcourt, Estcourt Vet Clinic</b>
Beef: 1, Dairy: 1
<b>Kokstad, E.G.Veterinary Services</b>
Beef: 2
<b>Mooi River, Mooirivier Vet Clinic</b>
Beef: 2, Dairy: 2
<b>Mtubatuba, Mtubatuba Animal Clinic</b>



Beef: 2
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>
Beef: 2
<b>Underberg, Underberg Veterinary Surgery</b>
Beef: 2
<b>Western Cape</b>
<b>Caledon, Overberg Veterinary Hospital</b>
Beef: 3
<b>Darling, Darling Dierekliniek</b>
Beef: 2, Dairy: 2
<b>George, George Animal Hospital</b>
Beef: 3
<b>Heidelberg WC, Heidelberg Dierekliniek</b>
Beef: 2, Dairy: 2
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Beef: 1
<b>Oudtshoorn, Oudtshoorn Dierekliniek</b>
Beef: 2

<b>Resistant blue Ticks</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)						
----------------	--	--	---------	--	--	--	--	--	--

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>Limpopo</b>
<b>Tzaneen, Tzaneen Dierekliniek</b>
Beef: 1

<b>Heartwater (Bont) ticks</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 (3)	1.0 (2)		1.8 (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 (1)	2.0 (1)	2.0 (1)	1.0 (1)		1.8 (5)	1.0 (1)		
<b>Sheep</b>		2.0 (1)	2.0 (1)	1.0 (1)					
<b>Goat</b>			2.0 (1)			2.0 (1)			

<b>Mpumalanga</b>
<b>Nelspruit, Nelspruit Animal Hospital</b>
Beef: 2
Light infestations.
<b>Gauteng</b>
<b>Pretoria, Anima Veterinary Consulting Rooms</b>
Beef: 2, Sheep: 2
<b>Limpopo</b>
<b>Mokopane, Dr Henk Visser</b>

Beef: 2, Sheep: 2, Goat: 2

**North West**

**Swartruggens, Swartruggens Veterinary Clinic**

Beef: 1, Sheep: 1

**Kwazulu-Natal**

**Bergville, Bergville Veterinary Clinic**

Beef: 2

**Estcourt, Estcourt Vet Clinic**

Beef: 1

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 2

**Pongola, Pongola Animal Clinic**

Beef: 2, Goat: 2

**Eastern Cape**

**Alexandria, Alexandria Platteland Spreekkamer**

Beef: 1

**Brown ear-ticks**

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

**Average** 2.0 (1) 2.0 (1)

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

**Beef** 2.0 (1) 2.0 (1)

**Mpumalanga**

**Balfour, Balfour Dierekliniek**

Beef: 2

**Kwazulu-Natal**

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 2

**Bont-legged ticks**

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

**Average** 1.5 (4) 2.0 (2) 2.0 (4) 2.0 (6) 2.0 (1)

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

**Beef** 1.5 (2) 2.0 (1) 2.0 (3) 2.0 (4) 2.0 (1)

**Sheep** 1.5 (2) 2.0 (1) 2.0 (1) 2.0 (2)

**Mpumalanga**

**Balfour, Balfour Dierekliniek**

Beef: 1, Sheep: 1

**Standerton, Standerton Dierehospitaal**

Beef: 2, Sheep: 2

**Gauteng**

**Pretoria, Anima Veterinary Consulting Rooms**

Beef: 2, Sheep: 2

**North West**

**Christiana, Christiana Dierehospitaal**

Beef: 2, Sheep: 2

**Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 2

**Vryburg, Vryburg Dierehospitaal**

Beef: 2

**Free State**

**Frankfort, Frankfort Dierekliniek**

Beef: 3

**Hoopstad, Hoopstad Dierekliniek**

Beef: 2, Sheep: 2

**Memel, Memel Veterinary Clinic**

Beef: 1

**Parys, Parys Dierehospitaal**

Beef: 2, Sheep: 2

**Kwazulu-Natal**

**Bergville, Tugela Vet Clinic**

Beef: 2

**Red-legged ticks**

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

**Mpumalanga**

**Balfour, Balfour Dierekliniek**

Beef: 1, Sheep: 1

**North West**

**Christiana, Christiana Dierehospitaal**

Beef: 3

**Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 2

**Vryburg, Vryburg Dierehospitaal**

Beef: 2

**Free State**

**Hoopstad, Hoopstad Dierekliniek**

Beef: 2, Sheep: 2

**Paralysis 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 (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)	
<b>Sheep</b>		2.0 (1)	1.0 (1)
<b>Goat</b>		2.0 (1)	

<b>Free State</b>									
<b>Bloemfontein, Dr Stephan Wessels</b>									
Beef: 1									
<b>Kwazulu-Natal</b>									
<b>Bergville, Tugela Vet Clinic</b>									
Sheep: 2, Goat: 2									
<b>Western Cape</b>									
<b>Beaufort West, Beaufort West State Vet</b>									
Sheep: 1									

<b>Biting lice (red lice)</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 (2)			3.0 (3)	2.6 (10)	2.0 (1)	3.0 (1)	2.5 (4)	3.0 (1)

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

<b>Beef</b>	3.0 (2)			3.0 (3)	2.6 (8)		3.0 (1)	2.3 (3)	3.0 (1)
<b>Sheep</b>					2.5 (2)	2.0 (1)			
<b>Goat</b>								3.0 (1)	

<b>Mpumalanga</b>									
<b>Standerton, Standerton Dierehospitaal</b>									
Beef: 3									
<b>Volkstrust, Volkstrust Dierehospitaal</b>									
Beef: 3									
<b>North West</b>									
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>									
Beef: 3									
<b>Schweizer-Reneke, NJ Heyns</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									
<b>Clocolan, Clocolan Dierekliniek</b>									
Sheep: 3									
<b>Frankfort, Frankfort Dierekliniek</b>									
Beef: 3									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 3									
<b>Kroonstad, Kroonstad Dierehospitaal</b>									
Beef: 3									
<b>Viljoenskroon, Viljoenskroon Dierekliniek</b>									

Beef: 3
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Sheep: 2
<b>Vrede, Saulshoek Dierepraktyk</b>
Beef: 2
<b>Vrede, Vrede Dierehospitaal</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Kokstad, E.G.Veterinary Services</b>
Sheep: 2
<b>Eastern Cape</b>
<b>Middelburg (EC), Steynsburg Dierehospitaal</b>
Beef: 3
<b>Western Cape</b>
<b>Beaufort West, Beaufort West State Vet</b>
Beef: 1
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Beef: 3
<b>Oudtshoorn, Ostrimed</b>
Goat: 3
<b>Vredenburg, Vredenburg Dierehospitaal</b>
Beef: 3
<b>Northern Cape</b>
<b>Kimberley, Kimberley Dierekliniek</b>
Beef: 3

<b>Sucking lice (blue lice)</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 (2)			3.0 (4)	2.5 (8)	2.0 (2)		3.0 (2)	1.0 (1)

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

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

<b>Mpumalanga</b>
<b>Ermelo, Moregloed Veterinere Spreekkamer</b>
Beef: 3
<b>Standerton, Econovet</b>
Beef: 3
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 3
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Beef: 3
<b>Schweizer-Reneke, NJ Heyns</b>
Beef: 3
<b>Vryburg, Vryburg Dierehospitaal</b>
Beef: 3
<b>Free State</b>
<b>Bloemfontein, Dr Stephan Wessels</b>

Beef: 3
<b>Bothaville, Cape Cross Bothaville Veterinary Hospital</b>
Beef: 2
<b>Clocolan, Clocolan Dierekliniek</b>
Sheep: 3
<b>Harrismith, Harrismith Dierehospitaal</b>
Beef: 2
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3
<b>Memel, Memel Veterinary Clinic</b>
Beef: 3
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Sheep: 2
<b>Vrede, Saulshoek Dierepraktyk</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Kokstad, E.G.Veterinary Services</b>
Sheep: 2
<b>Mooi River, Mooirivier Vet Clinic</b>
Goat: 2
<b>Western Cape</b>
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Beef: 3
<b>Vredenburg, Vredenburg Dierehospitaal</b>
Beef: 3
<b>Northern Cape</b>
<b>Kathu, Kathu Dierekliniek</b>
Beef: 1

Scab mites									<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 (1)			1.6 (5)	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>Sheep</b>	1.0 (1)	3.0 (1)			1.6 (5)	2.0 (2)	2.0 (1)		
--------------	---------	---------	--	--	---------	---------	---------	--	--

<b>Mpumalanga</b>
<b>Volksrust, Volksrust Dierehospitaal</b>
Sheep: 1
<b>Gauteng</b>
<b>Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic</b>
Sheep: 3
One farm with sheep scab
<b>Free State</b>
<b>Bethlehem, Bethlehem Animal Hospital</b>
Sheep: 1
<b>Bloemfontein, Dr Stephan Wessels</b>
Sheep: 2
<b>Clocolan, Clocolan Dierekliniek</b>
Sheep: 2
<b>Frankfort, Frankfort Dierekliniek</b>

Sheep: 1
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Sheep: 2
<b>Kwazulu-Natal</b>
<b>Kokstad, E.G.Veterinary Services</b>
Sheep: 2
<b>Vryheid, Dr GH Theron</b>
Sheep: 2
<b>Eastern Cape</b>
<b>Calvinia, Calvinia Veeartskliniek</b>
Sheep: 2

<b>Mange Mites</b>										<a href="#">^</a>
--------------------	--	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>				2.5 (2)	2.6 (5)		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>				2.5 (2)	2.5 (4)			1.0 (1)	3.0 (1)
<b>Sheep</b>					3.0 (1)		1.0 (1)		

<b>North West</b>
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Beef: 3
<b>Vryburg, Vryburg Dierehospitaal</b>
Beef: 2
<b>Free State</b>
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3
<b>Parys, Parys Dierehospitaal</b>
Sheep: 3
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 2
<b>Winburg, Winburg Dierekliniek</b>
Beef: 3
<b>Eastern Cape</b>
<b>Middelburg (EC), Steynsburg Dierehospitaal</b>
Sheep: 1
Itch mite in sheep - one outbreak
<b>Western Cape</b>
<b>Oudtshoorn, Oudtshoorn Dierekliniek</b>
Beef: 1
<b>Northern Cape</b>
<b>De Aar, De Aar Veterinary Clinic</b>
Beef: 3

<b>Nuisance Flies</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 (3)	3.0 (1)	1.0 (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>	2.0 (1)	3.0 (1)	1.0 (1)	
<b>Dairy</b>				3.0 (1)
<b>Sheep</b>	2.0 (1)		1.0 (1)	
<b>Goat</b>	2.0 (1)			

### Mpumalanga

#### Balfour, Balfour Dierekliniek

Beef: 2, Sheep: 2, Goat: 2

### Limpopo

#### Machado, Blouberg Dierekliniek

Beef: 3

### Free State

#### Memel, Memel Veterinary Clinic

Beef: 1, Sheep: 1

### Eastern Cape

#### Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 3

## Blowflies

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 (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)		3.0 (1)	1.0 (1)					
<b>Sheep</b>		1.0 (1)			1.7 (3)			1.0 (1)	

### Mpumalanga

#### Piet Retief, Pets Vet Hospital

Beef: 1

### Gauteng

#### Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 1

### Limpopo

#### Machado, Blouberg Dierekliniek

Beef: 3

### North West

#### Swartruggens, Swartruggens Veterinary Clinic

Beef: 1

### Free State

#### Hoopstad, Hoopstad Dierekliniek

Sheep: 2

#### Memel, Memel Veterinary Clinic

Sheep: 1

#### Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

### Western Cape

#### Malmesbury, Malmesbury Dierehospitaal



Sheep: 1

**Screw-worm** [^](#)

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>Beef</b>			3.0 (1)						
-------------	--	--	---------	--	--	--	--	--	--

**Limpopo**

**Machado, Blouberg Dierekliniek**

Beef: 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 (1)	2.0 (4)			
----------------	--	--	--	--	---------	---------	--	--	--

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

<b>Sheep</b>					3.0 (1)	2.0 (2)			
--------------	--	--	--	--	---------	---------	--	--	--

<b>Goat</b>						2.0 (2)			
-------------	--	--	--	--	--	---------	--	--	--

**Free State**

**Reitz, Riemland Dierekliniek**

Sheep: 3

**Kwazulu-Natal**

**Bergville, Tugela Vet Clinic**

Sheep: 2, Goat: 2

**Mtubatuba, Mtubatuba Animal Clinic**

Sheep: 2, Goat: 2

**Midges** [^](#)

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

<b>Average</b>					2.0 (1)	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>						3.0 (1)		3.0 (1)	
-------------	--	--	--	--	--	---------	--	---------	--

<b>Dairy</b>						3.0 (1)			
--------------	--	--	--	--	--	---------	--	--	--

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

**Free State**

**Parys, Parys Dierehospitaal**

Sheep: 2

**Kwazulu-Natal**

**Bergville, Tugela Vet Clinic**

Sheep: 2									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Beef: 3, Dairy: 3									
<b>Western Cape</b>									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Beef: 3									
<b>Tick-borne Diseases</b>									
<b>African red water</b>									<a href="#">^</a>
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)			2.2 (12)	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>	1.5 (2)		1.0 (1)			2.1 (10)		2.0 (1)	
<b>Dairy</b>						2.5 (2)	2.0 (1)	2.0 (1)	
<b>Mpumalanga</b>									
<b>Lydenburg, Lydenburg Dieresprekkamer</b>									
Beef: 1									
<b>Standerton, Econovet</b>									
Beef: 2									
<b>Limpopo</b>									
<b>Tzaneen, Tzaneen Dierekliniek</b>									
Beef: 1									
<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: 2									
<b>Dundee, Endumeni Herd health</b>									
Beef: 2									
<b>Estcourt, Estcourt Vet Clinic</b>									
Dairy: 2									
<b>Howick, Howick Veterinary Clinic</b>									
Beef: 3									
<b>Kokstad, E.G.Veterinary Services</b>									
Beef: 1									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Beef: 3, Dairy: 3									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Beef: 2									
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>									
Beef: 2									
<b>Underberg, Underberg Veterinary Surgery</b>									
Beef: 2									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 2									

Western Cape									
George, George Animal Hospital									
Beef: 2									
Heidelberg WC, Heidelberg Dierekliniek									
Dairy: 2									
Asiatic red water									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.6 (5)	2.0 (1)			2.0 (2)	2.0 (7)	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									
<b>Beef</b>	1.6 (5)	2.0 (1)			2.0 (2)	1.8 (6)		1.5 (2)	
<b>Dairy</b>						3.0 (1)	2.0 (1)		
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 2									
Ermelo, Moregloed Veterinere Spreekkamer									
Beef: 1									
Piet Retief, Pets Vet Hospital									
Beef: 2									
Standerton, Standerton Dierehospitaal									
Beef: 1									
Volksrust, Volksrust Dierehospitaal									
Beef: 2									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Free State									
Reitz, Riemland Dierekliniek									
Beef: 1									
Vrede, Vrede Dierehospitaal									
Beef: 3									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Bergville, Tugela Vet Clinic									
Beef: 2									
Howick, Howick Veterinary Clinic									
Beef: 2									
Kokstad, E.G.Veterinary Services									
Beef: 1									
Mooi River, Mooirivier Vet Clinic									
Beef: 3, Dairy: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Western Cape									
George, George Animal Hospital									

Beef: 2

**Swellendam, Swellendam Dierehospitaal**

Beef: 1

**Anaplasmosis**

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)	3.0 (1)	1.7 (3)	1.7 (7)	1.9 (7)	1.5 (2)	1.8 (6)	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)	1.0 (1)	3.0 (1)	1.7 (3)	1.8 (5)	1.8 (6)		1.8 (4)	2.0 (2)
<b>Dairy</b>					1.5 (2)	2.0 (1)	1.5 (2)	2.0 (2)	

**Mpumalanga**

**Balfour, Balfour Dierekliniek**

Beef: 1

**Standerton, Standerton Dierehospitaal**

Beef: 3

**Gauteng**

**Pretoria, Anima Veterinary Consulting Rooms**

Beef: 1

**Limpopo**

**Machado, Blouberg Dierekliniek**

Beef: 3

**North West**

**Christiana, Christiana Dierehospitaal**

Beef: 3

**Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 1

**Vryburg, Vryburg Dierehospitaal**

Beef: 1

**Free State**

**Bethlehem, Bethlehem Animal Hospital**

Beef: 1

**Hoopstad, Hoopstad Dierekliniek**

Beef: 2

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 3

**Memel, Memel Veterinary Clinic**

Beef: 2

**Parys, Parys Dierehospitaal**

Dairy: 1

**Reitz, Riemland Dierekliniek**

Dairy: 2

**Zastron, Zastron Dierekliniek**

Beef: 1

**Kwazulu-Natal**

**Bergville, Bergville Veterinary Clinic**

Beef: 2

**Bergville, Tugela Vet Clinic**

Beef: 2

**Estcourt, Estcourt Vet Clinic**

Dairy: 2
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 1
<b>Newcastle, Ncanduvet Newcastle</b>
Beef: 1
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>
Beef: 2
<b>Underberg, Underberg Veterinary Surgery</b>
Beef: 3
<b>Eastern Cape</b>
<b>Alexandria, Alexandria Platteland Spreekkamer</b>
Dairy: 1
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Dairy: 2
<b>Western Cape</b>
<b>Ceres, Ceres Veterinary Hospital</b>
Beef: 2
<b>Heidelberg WC, Heidelberg Dierekliniek</b>
Dairy: 2
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Dairy: 2
<b>Plettenberg Bay, Plettenberg Bay A Reitz</b>
Beef: 1
One death in a herd of 500 animals
<b>Riversdal, Riversdal Dierekliniek</b>
Beef: 3
Anaplasmosis not responding to treatment, 20 cows, 2 died
<b>Stellenbosch, Stellenbosch Animal Hospital</b>
Beef: 1
<b>Northern Cape</b>
<b>Kathu, Kathu Dierekliniek</b>
Beef: 3
Anaplasmosis (B 3), Suspected Eperythrozoonosis (B 3)- Three yearling heifers died in the same camp, clinical symptoms suspect for anaplasmosis. Laboratory result: suspect Anaplasma on histopathology, but see no organisms; Blood smear of affected live cow, shows organisms smaller than Anaplasma. Lab suspects Eperythrozoon, but cannot test for it. Treatment with Forray-65, Clanobutin sodium and Dexamethazone is effective.
<b>Kimberley, Kimberley Dierekliniek</b>
Beef: 1

<b>Heartwater</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)	3.0 (1)	2.4 (5)	1.0 (2)		2.0 (9)	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>	1.5 (2)		3.0 (1)	1.0 (1)		2.0 (5)	2.0 (1)		
<b>Sheep</b>		3.0 (1)	3.0 (1)	1.0 (1)					
<b>Goat</b>	2.0 (1)		2.0 (3)			2.0 (4)			

<b>Mpumalanga</b>
<b>Middelburg , Middelburg Dierehospitaal</b>

Beef: 2
Two cases of heart water on 2 separate farms. Both farms were 30 km from endemic farms.
<b>Nelspruit, Nelspruit Animal Hospital</b>
Goat: 2
Unvaccinated animals: success rate of treatment normally low in Small Stock and vaccination normally prescribed.
<b>Piet Retief, Pets Vet Hospital</b>
Beef: 1
<b>Gauteng</b>
<b>Pretoria, Anima Veterinary Consulting Rooms</b>
Sheep: 3
<b>Limpopo</b>
<b>Machado, Blouberg Direkliniek</b>
Beef: 3, Sheep: 3, Goat: 3
<b>Polokwane, Pietersburg Veterinary Clinic</b>
Goat: 2
<b>Tzaneen, Tzaneen Direkliniek</b>
Goat: 1
<b>North West</b>
<b>Swartruggens, Swartruggens Veterinary Clinic</b>
Beef: 1, Sheep: 1
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 2
<b>Dundee, Endumeni Herd health</b>
Goat: 2
<b>Howick, Howick 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>Vryheid, Dr GH Theron</b>
Beef: 2, Goat: 2
<b>Eastern Cape</b>
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Beef: 2

Sweating Sickness									
-------------------	--	--	--	--	--	--	--	--	--

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)					
-------------	--	--	--	---------	--	--	--	--	--

<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 2

Corridor disease									
------------------	--	--	--	--	--	--	--	--	--

PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern
----------	------------	---------	---------	-------	------	----------	---------	---------	----------

				West	State	Natal	Cape	Cape	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)			
<b>Kwazulu-Natal</b>									
<b>Pongola, Pongola Animal Clinic</b>									
Beef: 1									
<b>Insect Transmittable Diseases</b>									
<b>Lumpy skin disease</b>									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.5 (2)		1.5 (2)	1.0 (1)	1.0 (1)	1.0 (3)		1.8 (6)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	1.0 (1)		1.5 (2)	1.0 (1)	1.0 (1)	1.0 (3)		1.8 (5)	
<b>Dairy</b>	2.0 (1)							2.0 (1)	
<b>Mpumalanga</b>									
<b>Nelspruit, Nelspruit Animal Hospital</b>									
Dairy: 2									
One outbreak in a dairy; for some unknown reason the owner did not vaccinate									
<b>Standerton, Standerton Dierehospitaal</b>									
Beef: 1									
<b>Limpopo</b>									
<b>Machado, Blouberg Dierekliniek</b>									
Beef: 2									
Communal area (suspected)									
<b>Tzaneen, Tzaneen Dierekliniek</b>									
Beef: 1									
<b>North West</b>									
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>									
Beef: 1									
<b>Free State</b>									
<b>Clocolan, Clocolan Dierekliniek</b>									
Beef: 1									
<b>Kwazulu-Natal</b>									
<b>Estcourt, Estcourt Vet Clinic</b>									
Beef: 1									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Beef: 1									
<b>Pongola, Pongola Animal Clinic</b>									
Beef: 1									
Mild cases									
<b>Western Cape</b>									
<b>Darling, Darling Dierekliniek</b>									
Beef: 1									

<b>Heidelberg WC, Heidelberg Dierekliniék</b>
Dairy: 2
<b>Malmesbury, Dr Otto Kriek</b>
Beef: 2
<b>Oudtshoorn, Ostrimed</b>
Beef: 2
Oudtshoorn animal clinic – Dr Carlisle investigated and diagnosed lumpy skin disease. Now frequent calls from farmers observing similar lesions on animals grazing reeds in Olifants river.
<b>Riversdal, Riversdal Dierekliniék</b>
Beef: 3
Massive outbreak.
<b>Stellenbosch, Stellenbosch Animal Hospital</b>
Beef: 1

### Three-day-stiffsickness ^

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)			

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>Mpumalanga</b>
<b>Balfour, Balfour Dierekliniék</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Howick, Howick Veterinary Clinic</b>
Beef: 2

### Blue tongue ^

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

<b>Western Cape</b>
<b>Heidelberg WC, Heidelberg Dierekliniék</b>
Sheep: 1

## 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)		1.5 (2)	2.0 (4)	2.2 (16)	2.0 (2)			1.5 (2)



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

Beef	2.2 (6)		1.5 (2)	2.0 (4)	2.2 (16)	2.0 (2)		1.5 (2)
<b>Mpumalanga</b>								
<b>Ermelo, Moregloed Veterinere Spreekkamer</b>								
Beef: 3								
<b>Middelburg , Middelburg Dierehospitaal</b>								
Beef: 1								
<b>Piet Retief, Pets Vet Hospital</b>								
Beef: 2								
<b>Standerton, Econovet</b>								
Beef: 3								
<b>Standerton, Standerton Dierehospitaal</b>								
Beef: 3								
<b>Volksrust, Volksrust Dierehospitaal</b>								
Beef: 1								
<b>Limpopo</b>								
<b>Machado, Blouberg Dierekliniek</b>								
Beef: 2								
<b>Polokwane, Pietersburg Veterinary Clinic</b>								
Beef: 1								
<b>North West</b>								
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>								
Beef: 1								
<b>Schweizer-Reneke, NJ Heyns</b>								
Beef: 2								
<b>Ventersdorp, Buffelsvlei Dierekliniek</b>								
Beef: 2								
<b>Vryburg, Vryburg Dierehospitaal</b>								
Beef: 3								
<b>Free State</b>								
<b>Bethlehem, Bethlehem Animal Hospital</b>								
Beef: 1								
<b>Bloemfontein, Dr Stephan Wessels</b>								
Beef: 2								
Five bulls positive in one herd in the Bloemfontein area								
<b>Bothaville, Cape Cross Bothaville Veterinary Hospital</b>								
Beef: 1								
<b>Clocolan, Clocolan Dierekliniek</b>								
Beef: 2								
<b>Dewetsdorp, Platkop Dierekliniek</b>								
Beef: 3								
<b>Frankfort, Frankfort Dierekliniek</b>								
Beef: 3								
<b>Hoopstad, Hoopstad Dierekliniek</b>								
Beef: 3								
<b>Kroonstad, Kroonstad Dierehospitaal</b>								
Beef: 3								
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>								
Beef: 2								
<b>Parys, Parys Dierehospitaal</b>								
Beef: 2								

<b>Reitz, Riemland Dierekliniek</b>
Beef: 3
<b>Viljoenskroon, Viljoenskroon Dierekliniek</b>
Beef: 1
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 3
<b>Vrede, Saulshoek Dierepraktik</b>
Beef: 2
<b>Vrede, Vrede Dierehospitaal</b>
Beef: 2
<b>Winburg, Winburg Dierekliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Newcastle, Ncanduvet Newcastle</b>
Beef: 1
<b>Vryheid, Dr GH Theron</b>
Beef: 3
<b>Northern Cape</b>
<b>Kathu, Kathu Dierekliniek</b>
Beef: 1
<b>Upington, Upington Veterinary Clinic</b>
Beef: 2

Moved 110 Bonsmara cows and 3 bulls to a 80 000 hectare farm where other cattle are present. Cows did not calf and bulls were tested for venereal diseases. All 3 bulls were positive for trichomonosis. Importance of biosecurity is stressed.

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

<b>Limpopo</b>
<b>Machado, Blouberg Dierekliniek</b>
Beef: 1
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 1
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Beef: 1
<b>Vryburg, Vryburg Dierehospitaal</b>
Beef: 1
<b>Free State</b>
<b>Bloemfontein, Dr Stephan Wessels</b>
Beef: 2
Four positive bulle in the Dewetsdorp area.
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 3
<b>Dewetsdorp, Platkop Dierekliniek</b>

Beef: 3
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 1
<b>Zastron, Zastron Dierekliniek</b>
Beef: 1
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 1
<b>Eastern Cape</b>
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>
Dairy: 2

<b>Pizzle disease</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)	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)	1.0 (2)
--------------	--	---------	--	--	--	--	--	---------	---------

<b>Gauteng</b>
<b>Pretoria, Anima Veterinary Consulting Rooms</b>
Sheep: 1
<b>Western Cape</b>
<b>Beaufort West, Beaufort West State Vet</b>
Sheep: 2
<b>Northern Cape</b>
<b>De Aar, De Aar Veterinary Clinic</b>
Sheep: 1
One flock positive
<b>Upington, Upington Veterinary Clinic</b>
Sheep: 1
One case of pizzle disease.

<b>Bacterial Disease (other)</b>
----------------------------------

<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>	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>Mpumalanga</b>
<b>Bethal, Bethal Dierekliniek</b>
Sheep: 2
Listeriose

<b>Blackquarter</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)	1.0 (1)	2.0 (1)	2.7 (3)	1.7 (9)	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>	3.0 (1)	1.0 (1)	2.0 (1)	2.7 (3)	1.8 (8)	2.0 (7)	1.0 (1)	1.0 (1)	
<b>Dairy</b>							2.0 (1)		
<b>Sheep</b>					1.0 (1)	3.0 (1)	1.0 (1)	1.0 (1)	

<b>Mpumalanga</b>									
<b>Standerton, Standerton Dierehospitaal</b>									
Beef: 3									
<b>Gauteng</b>									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Beef: 1									
<b>Limpopo</b>									
<b>Bela-Bela, Warmbad Dierekliniek</b>									
Beef: 2									
<b>North West</b>									
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>									
Beef: 3									
<b>Schweizer-Reneke, NJ Heyns</b>									
Beef: 2									
<b>Vryburg, Vryburg Dierehospitaal</b>									
Beef: 3									
Not Clostridium chauvoei but other Clostridial species									
<b>Free State</b>									
<b>Bothaville, Cape Cross Bothaville Veterinary Hospital</b>									
Beef: 2									
Cattle not vaccinated, lost 8 animals of various ages within 2 weeks. Animals were blocked and vaccinated									
<b>Clocolan, Clocolan Dierekliniek</b>									
Beef: 2									
<b>Frankfort, Frankfort Dierekliniek</b>									
Beef: 2									
<b>Memel, Memel Veterinary Clinic</b>									
Beef: 1, Sheep: 1									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 2									
<b>Viljoenskroon, Viljoenskroon Dierekliniek</b>									
Beef: 1									
<b>Winburg, Winburg Dierekliniek</b>									
Beef: 3									
Clostridium sordelli -sudden death syndrome in 12 Charolais calves more than 250 kg. Confirmed in lab.									
<b>Zastron, Zastron Dierekliniek</b>									
Beef: 1									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 2									
<b>Estcourt, Estcourt Vet Clinic</b>									
Beef: 2									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Sheep: 3									

<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 2
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>
Beef: 2
<b>Pongola, Pongola Animal Clinic</b>
Beef: 1
Unvaccinated weaners
<b>Underberg, Underberg Veterinary Surgery</b>
Beef: 2
<b>Vryheid, Dr GH Theron</b>
Beef: 3
<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>Caledon, Overberg Veterinary Hospital</b>
Sheep: 1
Clostridial endometritis
<b>Riversdal, Riversdal Dierekliniek</b>
Beef: 1

<b>Pulpy Kidney</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)	1.5 (2)		1.7 (3)	1.7 (7)	1.5 (4)		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)	1.5 (2)		1.7 (3)	1.7 (7)	1.7 (3)		1.0 (1)	3.0 (1)
<b>Goat</b>						1.0 (1)			

<b>Mpumalanga</b>
<b>Volkstrust, Volkstrust Dierehospitaal</b>
Sheep: 2
<b>Gauteng</b>
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>
Sheep: 2
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>
Sheep: 1
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Sheep: 2
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Sheep: 2
<b>Ventersdorp, Buffelsvlei Dierekliniek</b>
Sheep: 1
<b>Free State</b>
<b>Bethlehem, Bethlehem Animal Hospital</b>
Sheep: 1
<b>Bloemfontein, Dr Stephan Wessels</b>
Sheep: 3

Weaner lambs died due to pulpy kidney when on green feed, no vaccinations were given - Wepener area.

**Frankfort, Frankfort Dierekliniek**

Sheep: 2

**Harrismith, Harrismith Dierehospitaal**

Sheep: 1

Pulpy kidney outbreak in 3 month old lambs on harvested maize fields.

**Hoopstad, Hoopstad Dierekliniek**

Sheep: 2

**Reitz, Riemland Dierekliniek**

Sheep: 2

**Viljoenskroon, Viljoenskroon Dierekliniek**

Sheep: 1

**Kwazulu-Natal**

**Estcourt, Estcourt Vet Clinic**

Sheep: 2

**Kokstad, E.G.Veterinary Services**

Sheep: 1

**Mooi River, Mooirivier Vet Clinic**

Goat: 1

**Vryheid, Dr GH Theron**

Sheep: 2

**Western Cape**

**Oudtshoorn, Ostrimed**

Sheep: 1

**Northern Cape**

**De Aar, De Aar Veterinary Clinic**

Sheep: 3

**Lamb dysentery**



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

**Average** 2.0 (1)

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

**Goat** 2.0 (1)

**Mpumalanga**

**Nelspruit, Nelspruit Animal Hospital**

Goat: 2

Unconfirmed cases: the lambs were put on an increased plane of nutrition due to poor veld conditions. Preventative vaccination prescribed

**Swelled head disease**



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

**Average** 2.7 (3) 2.0 (1) 1.7 (3) 1.0 (2) 1.0 (1)

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

**Beef** 2.7 (3) 2.0 (1) 1.7 (3) 1.0 (1) 1.0 (1)

**Sheep**

1.0 (1)

<b>Mpumalanga</b>									
<b>Piet Retief, Pets Vet Hospital</b>									
Beef: 3									
<b>Standerton, Standerton Dierehospitaal</b>									
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>Reitz, Riemland Dierekliniek</b>									
Beef: 1									
<b>Vrede, Saulshoek Dierepraktyk</b>									
Beef: 2									
Owner decided not to revaccinate this season after confirmed cases in the same camp last year									
<b>Kwazulu-Natal</b>									
<b>Newcastle, Ncanduvet Newcastle</b>									
Sheep: 1									
<b>Vryheid, Dr GH Theron</b>									
Beef: 1									
<b>Northern Cape</b>									
<b>Kathu, Kathu Dierekliniek</b>									
Beef: 1									

<b>Redgut (cattle)</b>									<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)				2.5 (2)	2.0 (1)	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>	1.5 (4)				2.0 (1)			1.0 (1)	
<b>Dairy</b>					3.0 (1)	2.0 (1)	1.0 (2)		

<b>Mpumalanga</b>									
<b>Ermelo, Moregloed Veterinere Spreekkamer</b>									
Beef: 1									
<b>Middelburg , Middelburg Dierehospitaal</b>									
Beef: 1									
<b>Standerton, Econovet</b>									
Beef: 3									
<b>Standerton, Standerton Dierehospitaal</b>									
Beef: 1									
<b>Free State</b>									
<b>Clocolan, Clocolan Dierekliniek</b>									
Dairy: 3									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 2									
<b>Kwazulu-Natal</b>									

<b>Mooi River, Mooirivier Vet Clinic</b>
Dairy: 2
<b>Eastern Cape</b>
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Dairy: 1
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>
Dairy: 1
<b>Western Cape</b>
<b>Stellenbosch, Stellenbosch Animal Hospital</b>
Beef: 1

<b>Blood gut (Sheep)</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)				1.5 (2)	2.3 (3)		2.0 (1)	

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

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

<b>Mpumalanga</b>
<b>Bethal, Bethal Dierekliniek</b>
Sheep: 2
<b>Free State</b>
<b>Kroonstad, Kroonstad Dierehospitaal</b>
Sheep: 2
<b>Viljoenskroon, Viljoenskroon Dierekliniek</b>
Sheep: 1
<b>Kwazulu-Natal</b>
<b>Kokstad, E.G.Veterinary Services</b>
Sheep: 1
<b>Mooi River, Mooirivier Vet Clinic</b>
Sheep: 3, Goat: 3
<b>Western Cape</b>
<b>Beaufort West, Beaufort West State Vet</b>
Sheep: 2
Lambs with haemorrhagic enteritis

<b>Tetanus</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 (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>				1.0 (1)					
<b>Sheep</b>				2.5 (2)	2.0 (1)				

<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Sheep: 2



<b>Schweizer-Reneke, NJ Heyns</b>									
Sheep: 3									
<b>Vryburg, Vryburg Dierehospitaal</b>									
Beef: 1									
<b>Free State</b>									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Sheep: 2									

<b>Botulism</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)			1.0 (2)	1.5 (2)			1.0 (3)	2.0 (1)

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

<b>Beef</b>	1.0 (1)			1.0 (2)	1.5 (2)			1.0 (1)	2.0 (1)
<b>Sheep</b>								1.0 (2)	

<b>Mpumalanga</b>									
<b>Middelburg , Middelburg Dierehospitaal</b>									
Beef: 1									
<b>North West</b>									
<b>Christiana, Christiana Dierehospitaal</b>									
Beef: 1									
<b>Vryburg, Vryburg Dierehospitaal</b>									
Beef: 1									
<b>Free State</b>									
<b>Winburg, Winburg Dierekliniek</b>									
Beef: 2									
<b>Zastron, Zastron Dierekliniek</b>									
Beef: 1									
<b>Western Cape</b>									
<b>Oudtshoorn, Ostrimed</b>									
Beef: 1, Sheep: 1									
<b>Oudtshoorn, Oudtshoorn Dierekliniek</b>									
Sheep: 1									
<b>Northern Cape</b>									
<b>Upington, Upington Veterinary Clinic</b>									
Beef: 2									

Two deaths of cattle due to botulism near Gembokpark, cattle do not receive licks. Near Upington expensive bull and 3 heifers died.

<b>Salmonellosis</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 (1)	2.0 (1)			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>	2.0 (1)		2.0 (1)	2.0 (1)				3.0 (1)	
<b>Dairy</b>							2.0 (1)	2.0 (1)	

<b>Mpumalanga</b>									
<b>Nelspruit, Nelspruit Animal Hospital</b>									
Beef: 2									
Animals are kraaled and fed supplementary feeding. This confinement lead to build up of bacteria.									
<b>Limpopo</b>									
<b>Vaalwater, Vaalwater Dieresprekkamer</b>									
Beef: 2									
Five cases on one farm									
<b>North West</b>									
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>									
Beef: 2									
Paratyphoid in field calves									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 2									
Cows due to metabolic problems									
<b>Western Cape</b>									
<b>Heidelberg WC, Heidelberg Dierekliniek</b>									
Dairy: 2									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Beef: 3									
<b>Brucella abortus</b>									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			3.0 (2)	2.3 (3)	2.3 (12)			3.0 (1)	2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef			3.0 (2)	2.3 (3)	2.4 (11)			3.0 (1)	2.0 (1)
Dairy					2.0 (1)				
<b>Limpopo</b>									
<b>Machado, Blouberg Dierekliniek</b>									
Beef: 3									
<b>Mokopane, Dr Henk Visser</b>									
Beef: 3									
<b>North West</b>									
<b>Brits, Brits Dierekliniek</b>									
Beef: 3									
Two herds were bled after several abortions were recorded. The one tested positive for Brucella (20 cows) The other herd tests not yet available.									
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>									
Beef: 1									
Cattle bought in, 5 positive cattle									
<b>Vryburg, Vryburg Dierehospitaal</b>									
Beef: 3									
<b>Free State</b>									
<b>Bethlehem, Bethlehem Animal Hospital</b>									
Beef: 1									
<b>Bloemfontein, Dr Stephan Wessels</b>									

Beef: 3
<b>Bothaville, Cape Cross Bothaville Veterinary Hospital</b>
Beef: 2
A Few abortions occurred on farm. 7 animals positive out of 50 cattle
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 3
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 3
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3, Dairy: 2
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>
Beef: 2
<b>Parys, Parys Dierehospitaal</b>
Beef: 1
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 3
<b>Winburg, Winburg Dierekliniek</b>
Beef: 3
<b>Western Cape</b>
<b>George, George Animal Hospital</b>
Beef: 3
Three adjacent herds
<b>Northern Cape</b>
<b>Kathu, Kathu Dierekliniek</b>
Beef: 2
Farmer brings in three serum samples of cows with perinatal dead calves. Samples tested complement fixation test positive for Brucella abortus. State Veterinarian notified.

Brucella ovis									<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)	2.5 (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>Sheep</b>								2.0 (1)	2.5 (2)
--------------	--	--	--	--	--	--	--	---------	---------

<b>Western Cape</b>
<b>Beaufort West, Beaufort West State Vet</b>
Sheep: 2
<b>Northern Cape</b>
<b>De Aar, De Aar Veterinary Clinic</b>
Sheep: 2
Three positive rams out of 500 rams tested.
<b>Kimberley, Kimberley Dierekliniek</b>
Sheep: 3

Johne`s disease									<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)	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 (1)	
<b>Sheep</b>			3.0 (1)

#### Mpumalanga

##### Standerton, Standerton Dierehospitaal

Beef: 1

#### Free State

##### Bloemfontein, Dr Stephan Wessels

Beef: 2

Two pregnant heifers tested positive for Johnes. They were tested for export purposes

#### Western Cape

##### Riversdal, Riversdal Dierekliniek

Sheep: 3

### Enzootic Abortion

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

<b>Average</b>						1.0 (1)	2.5 (2)		
----------------	--	--	--	--	--	---------	---------	--	--

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

<b>Sheep</b>						1.0 (1)			
<b>Goat</b>							2.5 (2)		

#### Kwazulu-Natal

##### Bergville, Tugela Vet Clinic

Sheep: 1

#### Eastern Cape

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

Goat: 3

Young Boerbok ewes (8 out of 200) aborted, weak lambs born with joint problems.

##### Humansdorp, Humansdorp Veterinary Clinic

Goat: 2

### E.coli

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)	2.0 (3)	2.0 (3)	3.0 (1)	3.0 (1)	
----------------	---------	--	--	---------	---------	---------	---------	---------	--

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

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

#### Mpumalanga

##### Balfour, Balfour Dierekliniek

Beef: 2

#### North West

<b>Schweizer-Reneke, NJ Heyns</b>									
Beef: 3									
E. coli in calves, EBL in herd. Immunity compromised. Lymph tissue depleted.									
<b>Free State</b>									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 2, Dairy: 2									
<b>Viljoenskroon, Viljoenskroon Dierekliniek</b>									
Beef: 2									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 2									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Dairy: 2									
<b>Underberg, Underberg Veterinary Surgery</b>									
Beef: 2									
<b>Eastern Cape</b>									
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>									
Dairy: 3									
<b>Western Cape</b>									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Dairy: 3									
<b>Dermatophilosis (Lumpy Wool)</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)			
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>Kwazulu-Natal</b>									
<b>Bergville, Tugela Vet Clinic</b>									
Sheep: 2									
<b>Intrauterine Gangrene</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)				
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>Free State</b>									
<b>Vrede, Saulshoek Dierepraktyk</b>									
Sheep: 1									
<b>Fusibacterium necrophorum</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)
----------------	---------

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>Free State</b>									
<b>Vrede, Saulshoek Dierepraktyk</b>									
Beef: 1									

<b>Protozoal diseases (other)</b>									
-----------------------------------	--	--	--	--	--	--	--	--	--

<b>Coccidiosis</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)	1.5 (2)	2.0 (2)	1.0 (1)	2.5 (4)	2.0 (3)	1.5 (2)	1.5 (2)	

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

<b>Beef</b>		2.0 (1)	2.0 (1)	1.0 (1)		1.0 (1)			
<b>Dairy</b>							1.5 (2)		
<b>Sheep</b>	2.0 (1)		2.0 (1)		2.5 (4)	3.0 (1)		1.5 (2)	
<b>Goat</b>		1.0 (1)				2.0 (1)			

<b>Mpumalanga</b>									
<b>Middelburg , Middelburg Dierehospitaal</b>									
Sheep: 2									
<b>Gauteng</b>									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Goat: 1									
<b>Pretoria, Anima Veterinary Consulting Rooms</b>									
Beef: 2									
<b>Limpopo</b>									
<b>Polokwane, Pietersburg Veterinary Clinic</b>									
Beef: 2, Sheep: 2									
<b>North West</b>									
<b>Christiana, Christiana Dierehospitaal</b>									
Beef: 1									
<b>Free State</b>									
<b>Bloemfontein, Dr Stephan Wessels</b>									
Sheep: 3									
<b>Frankfort, Frankfort Dierekliniek</b>									
Sheep: 3									
<b>Reitz, Riemland Dierekliniek</b>									
Sheep: 2									
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>									
Sheep: 2									
<b>Kwazulu-Natal</b>									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Beef: 1, Goat: 2									
<b>Underberg, Underberg Veterinary Surgery</b>									
Sheep: 3									
<b>Eastern Cape</b>									

<b>Alexandria, Alexandria Platteland Spreekkamer</b>
Dairy: 1
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Dairy: 2
<b>Western Cape</b>
<b>Beaufort West, Beaufort West State Vet</b>
Sheep: 1
<b>Darling, Darling Dierekliniek</b>
Sheep: 2

## Fungal diseases

### Ringworm ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	3.0 (2)	1.5 (2)	2.0 (1)	2.0 (2)	2.0 (11)	1.6 (5)	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>	3.0 (2)	1.5 (2)	2.0 (1)	2.0 (2)	2.0 (8)	1.8 (4)	2.0 (1)	3.0 (1)	
<b>Dairy</b>					2.0 (2)	1.0 (1)		2.0 (1)	
<b>Sheep</b>					2.0 (1)				

#### Mpumalanga

**Nelspruit, Nelspruit Animal Hospital**  
Beef: 3

Always seen in mid winter and a Vit A deficiency plus close confinement play a role. Self cure takes place as soon as veld conditions improve after rain

**Standerton, Standerton Dierehospitaal**  
Beef: 3

#### Gauteng

**Bapsfontein, Bapsfontein Dierehospitaal**  
Beef: 2

**Bronkhorstspuit, Kerkstraat Dierekliniek**  
Beef: 1

#### Limpopo

**Polokwane, Pietersburg Veterinary Clinic**  
Beef: 2

#### North West

**Christiana, Christiana Dierehospitaal**  
Beef: 2

**Vryburg, Vryburg Dierehospitaal**  
Beef: 2

#### Free State

**Clocolan, Clocolan Dierekliniek**  
Beef: 3

**Frankfort, Frankfort Dierekliniek**  
Beef: 2

**Harrismith, Harrismith Dierehospitaal**  
Beef: 1

**Hoopstad, Hoopstad Dierekliniek**  
Beef: 2, Dairy: 2

<b>Parys, Parys Dierehospitaal</b>
Beef: 2, Sheep: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2, Dairy: 2
<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: 2
<b>Dundee, Endumeni Herd health</b>
Beef: 1
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 2, Dairy: 1
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>
Beef: 2
<b>Eastern Cape</b>
<b>Graaff-Reinet, Graaff Reinet Veterinary Clinic</b>
Beef: 2
<b>Western Cape</b>
<b>Heidelberg WC, Heidelberg Dierekliniek</b>
Dairy: 2
<b>Swellendam, Swellendam Dierehospitaal</b>
Beef: 3

### Viral Diseases (other)

BMC									
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)	2.0 (1)	1.0 (3)	2.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	1.0 (1)		3.0 (1)	2.0 (1)	1.0 (2)	2.0 (1)			
<b>Dairy</b>					1.0 (1)				

<b>Mpumalanga</b>
<b>Middelburg , Middelburg Dierehospitaal</b>
Beef: 1
<b>Limpopo</b>
<b>Polokwane, Pietersburg Veterinary Clinic</b>
Beef: 3
<b>North West</b>
<b>Vryburg, Vryburg Dierehospitaal</b>
Beef: 2
Wildebeest associated
<b>Free State</b>
<b>Clocolan, Clocolan Dierekliniek</b>
Dairy: 1
<b>Parys, Parys Dierehospitaal</b>
Beef: 1



Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 1									
Kwazulu-Natal									
Vryheid, Dr GH Theron									
Beef: 2									
BVD (Bovine viral diarrhoea)									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			3.0 (1)	1.0 (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									
Beef			3.0 (1)	1.0 (1)	1.5 (2)			1.0 (1)	
Limpopo									
Machado, Blouberg Dierekliniek									
Beef: 3									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 1									
Free State									
Bethlehem, Bethlehem Animal Hospital									
Beef: 1									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Western Cape									
Swellendam, Swellendam Dierehospitaal									
Beef: 1									
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 (1)		3.0 (1)	2.3 (3)	2.0 (2)	2.7 (3)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.0 (1)		3.0 (1)	2.3 (3)	2.0 (2)	3.0 (2)			
Dairy						2.0 (1)			
Mpumalanga									
Standerton, Standerton Dierehospitaal									
Beef: 2									
Limpopo									
Machado, Blouberg Dierekliniek									
Beef: 3									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 1									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 3									
Cattle bought in from Eastern Cape									

<b>Vryburg, Vryburg Dierehospitaal</b>
Beef: 3
<b>Free State</b>
<b>Hoopstad, Hoopstad Direkliniek</b>
Beef: 2
<b>Viljoenskroon, Viljoenskroon Direkliniek</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Estcourt, Estcourt Vet Clinic</b>
Dairy: 2
<b>Howick, Howick Veterinary Clinic</b>
Beef: 3
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>
Beef: 3

<b>BRSV (Bovine respiratory syncytial virus)</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)								

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>Mpumalanga</b>
<b>Nelspruit, Nelspruit Animal Hospital</b>
Beef: 2

Although we have a warm winter climate in the Lowveld, cases of runny noses (BRSV/PI3/IBR) are seen in winter. Dry dusty conditions and Vit A deficiency contribute to outbreaks. Cases of BRD often follow upper respiratory infections. It is speculated what the effect of IBR is on pregnant cows: farms do experience cases of "shrinkage" following pregnancy testing.

<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)			1.0 (1)	1.0 (2)	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>		1.0 (1)			1.0 (1)	1.0 (1)			
<b>Dairy</b>						1.0 (1)	2.0 (2)	1.0 (1)	

<b>Gauteng</b>
<b>Bronkhorstspuit, Kerkstraat Direkliniek</b>
Beef: 1
<b>Free State</b>
<b>Ladybrand, Ladybrand / Excelsior Direkliniek</b>
Beef: 1
<b>Kwazulu-Natal</b>
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Dairy: 1
<b>Underberg, Underberg Veterinary Surgery</b>

Beef: 1

**Eastern Cape**

**Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 1

**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 3

**Western Cape**

**Malmesbury, Malmesbury Dierehospitaal**

Dairy: 1

**Jaagsiekte**



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

**Sheep**

2.0 (1)

**North West**

**Brits, Brits Dierekliniek**

Sheep: 2

One flock of sheep lost 2 animals with ovine jaagsiekte. Several other sheep with dyspnoea and lagging behind when herded.

**Orf**



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>		1.5 (2)			2.3 (3)	2.3 (4)		1.8 (4)	

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

**Sheep**

2.0 (1)

2.0 (2)

2.5 (2)

1.5 (2)

**Goat**

1.0 (1)

3.0 (1)

2.0 (2)

2.0 (2)

**Gauteng**

**Bronkhorstspuit, Kerkstraat Dierekliniek**

Goat: 1

**Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 2

**Free State**

**Hoopstad, Hoopstad Dierekliniek**

Sheep: 2

**Parys, Parys Dierehospitaal**

Goat: 3

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Sheep: 2

**Kwazulu-Natal**

**Estcourt, Estcourt Vet Clinic**

Goat: 2

**Kokstad, E.G.Veterinary Services**

Sheep: 2

<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Goat: 2									
<b>Vryheid, Dr GH Theron</b>									
Sheep: 3									
<b>Western Cape</b>									
<b>Beaufort West, Beaufort West State Vet</b>									
Sheep: 1									
<b>Ceres, Ceres Veterinary Hospital</b>									
Goat: 3									
<b>Darling, Darling Dierekliniek</b>									
Sheep: 2									
Especially in lambs									
<b>Oudtshoorn, Ostrimed</b>									
Goat: 1									
<b>Warts</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 (1)	1.8 (8)	1.8 (8)	1.0 (1)	1.8 (4)	1.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	2.0 (1)			1.0 (1)	1.7 (7)	1.9 (7)	1.0 (1)	2.0 (3)	1.0 (1)
<b>Dairy</b>					2.0 (1)	1.0 (1)		1.0 (1)	
<b>Mpumalanga</b>									
<b>Middelburg , Middelburg Dierehospitaal</b>									
Beef: 2									
<b>North West</b>									
<b>Christiana, Christiana Dierehospitaal</b>									
Beef: 1									
<b>Free State</b>									
<b>Bloemfontein, Dr Stephan Wessels</b>									
Beef: 3									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 2, Dairy: 2									
<b>Parys, Parys Dierehospitaal</b>									
Beef: 2									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 2									
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>									
Beef: 1									
<b>Vrede, Saulshoek Dierepraktyk</b>									
Beef: 1									
<b>Vrede, Vrede Dierehospitaal</b>									
Beef: 1									
Penile fibroapilloma (warts on the penis)									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 1									
<b>Estcourt, Estcourt Vet Clinic</b>									
Beef: 2									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									

Beef: 2, Dairy: 1
<b>Newcastle, Ncanduvet Newcastle</b>
Beef: 1
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>
Beef: 3
<b>Pongola, Pongola Animal Clinic</b>
Beef: 1
<b>Vryheid, Dr GH Theron</b>
Beef: 3
<b>Eastern Cape</b>
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Beef: 1
<b>Western Cape</b>
<b>Malmesbury, Dr Otto Kriek</b>
Beef: 1
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Dairy: 1
<b>Riversdal, Riversdal Dierekliniek</b>
Beef: 3
<b>Swellendam, Swellendam Dierehospitaal</b>
Beef: 2
<b>Northern Cape</b>
<b>Kimberley, Kimberley Dierekliniek</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>	1.0 (1)	2.0 (1)			2.0 (1)	3.0 (2)		2.0 (1)	2.0 (1)

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

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

<b>Mpumalanga</b>
<b>Bethal, Bethal Dierekliniek</b>
Beef: 1
<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>Mooi River, Mooirivier Vet Clinic</b>
Beef: 3, Dairy: 3
<b>Western Cape</b>
<b>Beaufort West, Beaufort West State Vet</b>
Sheep: 2

Northern Cape									
De Aar, De Aar Veterinary Clinic									
Sheep: 2									
Tulip and wilstorm poisoning									

Cestrum									<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 (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)					
<b>Dairy</b>							2.0 (1)		

North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 3									
4 bulls and 11 cows									

Eastern Cape									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 2									

Gifblaar									<a href="#">^</a>
----------	--	--	--	--	--	--	--	--	-------------------

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)					
----------------	--	---------	--	---------	--	--	--	--	--

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

Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 1, Goat: 2									

North West									
Brits, Brits Dierekliniek									
Sheep: 2									

Lantana									<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)	1.0 (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)	1.0 (1)	2.5 (2)			
-------------	--	--	--	---------	---------	---------	--	--	--

<b>North West</b>									
<b>Rustenburg, Protea Dierekliniek</b>									
Beef: 1									
<b>Free State</b>									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 1									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 2									
<b>Vryheid, Dr GH Theron</b>									
Beef: 3									

<b>Lupine 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)				
----------------	--	--	--	--	---------	--	--	--	--

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)				
-------------	--	--	--	--	---------	--	--	--	--

<b>Free State</b>									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 3									

<b>Nenta poisoning (Krimpsiekte)</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)	
----------------	--	--	--	--	--	--	--	---------	--

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>								1.0 (1)	
-------------	--	--	--	--	--	--	--	---------	--

<b>Western Cape</b>									
<b>Ceres, Ceres Veterinary Hospital</b>									
Goat: 1									

<b>Nitrate poisoning</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)			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>					3.0 (1)				
-------------	--	--	--	--	---------	--	--	--	--

<b>Dairy</b>							1.0 (1)		
--------------	--	--	--	--	--	--	---------	--	--

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

<b>Gauteng</b>									
----------------	--	--	--	--	--	--	--	--	--

Bronkhorstspruit, Kerkstraat Dierekliniek									
Sheep: 2									
Free State									
Vrede, Saulshoek Dierepraktik									
Beef: 3									
Cows got access to shed with soya beans. Owner only requested advice over telephone. Secondary complications due to frothy bloat. 31 died									
Eastern Cape									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 1									
Prussic acid poisoning									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						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								3.0 (1)	
Sheep						2.0 (1)			
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Sheep: 2									
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Beef: 3									
Seneciosis									<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)			
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Dairy: 1									
Tulip Poisoning									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.1 (7)	2.0 (3)			2.2 (9)	2.4 (11)	2.0 (2)	2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.3 (6)	2.0 (2)			2.4 (8)	2.2 (9)	2.0 (2)	2.0 (1)	
Dairy					1.0 (1)	3.0 (2)			



**Sheep****1.0 (1)****2.0 (1)****Mpumalanga****Ermelo, Moregloed Veterinere Spreekkamer**

Beef: 3, Sheep: 1

**Lydenburg, Lydenburg Dieresprekkamer**

Beef: 3

Tulip poisoning on 2 farms

**Middelburg, Middelburg Dierehospitaal**

Beef: 2

**Standerton, Econovet**

Beef: 3

**Standerton, Standerton Dierehospitaal**

Beef: 1

**Volksrust, Volksrust Dierehospitaal**

Beef: 2

**Gauteng****Bronkhorstspuit, Kerkstraat Dierekliniek**

Beef: 2

**Nigel, Welgelegen Dierekliniek**

Beef: 2, Sheep: 2

**Free State****Ficksburg, Ficksburg Dierekliniek**

Beef: 1

**Harrismith, Harrismith Dierehospitaal**

Beef: 2

Numerous complaints of tulip poisoning. Farmers treat their animals with activated charcoal.

**Hoopstad, Hoopstad Dierekliniek**

Beef: 2

**Memel, Memel Veterinary Clinic**

Beef: 3

**Reitz, Riemland Dierekliniek**

Beef: 3, Dairy: 1

**Villiers, Wilgepoort Dierekliniek Vennootskap**

Beef: 2

**Vrede, Saulshoek Dierepraktyk**

Beef: 3

Gate was left open by labourers and heifers got into stover lands. 24 died.

**Vrede, Vrede Dierehospitaal**

Beef: 3

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

Beef: 2

**Bergville, Tugela Vet Clinic**

Beef: 2

**Dundee, Endumeni Herd health**

Beef: 3

Mortalities only in severely affected animals. Recovering animals usually abort.

**Estcourt, Estcourt Vet Clinic**

Dairy: 3

**Howick, Howick Veterinary Clinic**

Beef: 3

**Kokstad, E.G. Veterinary Services**

Beef: 1

**Mooi River, Mooirivier Vet Clinic**

Beef: 3, Dairy: 3									
<b>Newcastle, Ncanduvet Newcastle</b>									
Beef: 1									
<b>Pietermaritzburg, Dr Rick Mapham Consultancy</b>									
Beef: 2									
<b>Vryheid, Dr GH Theron</b>									
Beef: 3									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Beef: 2									
<b>Uitenhage, Uitenhage Dierehospitaal</b>									
Beef: 2									
<b>Western Cape</b>									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Beef: 2									
<b>Vermeersiekte (Gaigeria spp.)</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)		
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>Eastern Cape</b>									
<b>Graaff-Reinet, Graaff Reinet Veterinary Clinic</b>									
Sheep: 2									
<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>				2.0 (1)			2.0 (1)	3.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>				2.0 (1)			2.0 (1)		
<b>Sheep</b>								3.0 (1)	
<b>North West</b>									
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>									
Beef: 2									
Sarcostemma poisoning (caustic bush, caustic creeper, melktou) 7 calves affected with nervous signs.									
<b>Eastern Cape</b>									
<b>Uitenhage, Uitenhage Dierehospitaal</b>									
Beef: 2									
Ryegrass photosensitivity									
<b>Western Cape</b>									
<b>Ceres, Ceres Veterinary Hospital</b>									
Sheep: 3									
50 sheep with Dikkop									

## Poisonings

### Urea Poisoning

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

#### Mpumalanga

##### Piet Retief, Pets Vet Hospital

Beef: 3

##### Standerton, Standerton Dierehospitaal

Sheep: 1

#### North West

##### Christiana, Christiana Dierehospitaal

Beef: 1

##### Vryburg, Vryburg Dierehospitaal

Beef: 3

Twelve affected. 2 died

#### Free State

##### Bloemfontein, Dr Stephan Wessels

Beef: 1

##### Reitz, Riemland Dierekliniek

Beef: 1, Sheep: 1

##### Vrede, Saulshoek Dierepraktyk

Goat: 2

Owner changed lick without adapting animals to urea levels

#### Kwazulu-Natal

##### Vryheid, Dr GH Theron

Beef: 2

### Snake Bite

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)			
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>Sheep</b>						1.0 (1)			

#### Free State

##### Reitz, Riemland Dierekliniek

Beef: 1

#### Kwazulu-Natal

##### Bergville, Tugela Vet Clinic

Sheep: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									
Copper Poisoning									<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									
Dairy								2.0 (1)	
Sheep					2.0 (1)				
Free State									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Sheep: 2									
Western Cape									
Stellenbosch, Stellenbosch Animal Hospital									
Dairy: 2									
liverbiopsy - copper over 600 ppm									
Chemical products									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.5 (2)		2.0 (1)		2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					2.5 (2)				
Sheep							2.0 (1)		2.0 (1)
Free State									
Hertzogville, Hertzogville Dierekliniek									
Beef: 3									
Organophosphate poisoning, mischievous.									
Parys, Parys Dierehospitaal									
Beef: 2									
Eastern Cape									
Calvinia, Calvinia Veeartskliniek									
Sheep: 2									
Copper poisoning in an area where it has not been seen before, geelsiekte									
Northern Cape									
De Aar, De Aar Veterinary Clinic									
Sheep: 2									
Geelsiekte, copper poisoning seen at abattoir									
Macro Nutritional Problems									
Energy deficiency									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern

				West	State	Natal	Cape	Cape	Cape
<b>Average</b>	2.8 (6)	2.0 (3)	2.5 (2)	2.5 (4)	2.1 (9)	2.6 (20)	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>	2.8 (5)	2.0 (1)	2.5 (2)	2.5 (4)	2.0 (4)	2.5 (10)			
<b>Dairy</b>					2.0 (1)		2.0 (1)	2.0 (1)	
<b>Sheep</b>	3.0 (1)	2.0 (2)			2.3 (4)	2.7 (6)		2.0 (1)	
<b>Goat</b>						2.5 (4)			

#### Mpumalanga

##### Middelburg , Middelburg Dierehospitaal

Beef: 3

##### Nelspruit, Nelspruit Animal Hospital

Beef: 3

##### Piet Retief, Pets Vet Hospital

Beef: 2

##### Standerton, Standerton Dierehospitaal

Beef: 3

##### Volksrust, Volksrust Dierehospitaal

Beef: 3, Sheep: 3

#### Gauteng

##### Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2, Sheep: 2

##### Nigel, Welgelegen Dierkliniek

Sheep: 2

#### Limpopo

##### Machado, Blouberg Dierkliniek

Beef: 3

##### Mokopane, Dr Henk Visser

Beef: 2

#### North West

##### Christiana, Christiana Dierehospitaal

Beef: 3

##### Leeudoringstad, Leeudoringstad Dierkliniek

Beef: 3

##### Schweizer-Reneke, NJ Heyns

Beef: 3

##### Swartruggens, Swartruggens Veterinary Clinic

Beef: 1

#### Free State

##### Clocolan, Clocolan Dierkliniek

Dairy: 2

##### Memel, Memel Veterinary Clinic

Sheep: 3

##### Parys, Parys Dierehospitaal

Beef: 2

##### Reitz, Riemland Dierkliniek

Beef: 2, Sheep: 2

##### Vrede, Saulshoek Dierpraktijk

Beef: 3

Especially upcoming farmers that don't want to take your advice or don't have the resources available to give.

Sheep: 2

Ignorance to level of nutrient requirement of pregnant ewes

**Winburg, Winburg Dierekliniek**

Beef: 1

**Zastron, Zastron Dierekliniek**

Sheep: 2

**Kwazulu-Natal**

**Bergville, Bergville Veterinary Clinic**

Beef: 2

**Bergville, Tugela Vet Clinic**

Beef: 2, Sheep: 2, Goat: 2

**Camperdown, Camperdown Vet Clinic**

Beef: 3, Sheep: 3

Weak lambs due to lack of milk from emaciated mothers

Goat: 3

Weak kids due to lack of milk from emaciated mothers

**Howick, Howick Veterinary Clinic**

Beef: 3

**Kokstad, E.G.Veterinary Services**

Beef: 2, Sheep: 2

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2

**Pietermaritzburg, Richmond Veterinay Clinic**

Beef: 3, Sheep: 3, Goat: 3

**Pongola, Pongola Animal Clinic**

Beef: 2, Goat: 2

**Underberg, Underberg Veterinary Surgery**

Beef: 3, Sheep: 3

**Vryheid, Dr GH Theron**

Beef: 3, Sheep: 3

**Eastern Cape**

**Humansdorp, Humansdorp Veterinary Clinic**

Dairy: 2

**Western Cape**

**Beaufort West, Beaufort West State Vet**

Sheep: 2

Mismothering of lambs

**Heidelberg WC, Heidelberg Dierekliniek**

Dairy: 2

**Protein deficiency**



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.8 (6)	2.0 (3)	2.0 (3)	2.3 (3)	2.4 (7)	2.6 (23)	2.5 (2)	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>	2.8 (5)	2.0 (1)	2.0 (3)	2.3 (3)	2.5 (4)	2.6 (12)		3.0 (1)	
<b>Dairy</b>						3.0 (1)	2.0 (1)		
<b>Sheep</b>	3.0 (1)	2.0 (2)			2.3 (3)	2.7 (6)	3.0 (1)	2.0 (1)	
<b>Goat</b>						2.5 (4)		2.0 (1)	

**Mpumalanga**

**Middelburg , Middelburg Dierehospitaal**

Beef: 3
Food shortage, animals in poor condition
<b>Nelspruit, Nelspruit Animal Hospital</b>
Beef: 3
End winter early Spring with heavily pregnant cows, low energy/protein in veld grazing, triggers cases of PEM (Protein - energy malnutrition). Many cases reported of cows stuck in mud and too weak to get out on their own. They often become Downers and never get up. This is an annual problem.
<b>Piet Retief, Pets Vet Hospital</b>
Beef: 2
<b>Standerton, Standerton Dierehospitaal</b>
Beef: 3
<b>Volksrust, Volksrust Dierehospitaal</b>
Beef: 3, Sheep: 3
<b>Gauteng</b>
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>
Beef: 2, Sheep: 2
<b>Nigel, Welgelegen Dierekliniek</b>
Sheep: 2
<b>Limpopo</b>
<b>Machado, Blouberg Dierekliniek</b>
Beef: 3
<b>Mokopane, Dr Henk Visser</b>
Beef: 2
<b>Polokwane, Pietersburg Veterinary Clinic</b>
Beef: 1
Sour veld
<b>North West</b>
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Beef: 3
<b>Schweizer-Reneke, NJ Heyns</b>
Beef: 3
<b>Swartruggens, Swartruggens Veterinary Clinic</b>
Beef: 1
<b>Free State</b>
<b>Memel, Memel Veterinary Clinic</b>
Sheep: 3
<b>Parys, Parys Dierehospitaal</b>
Beef: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2, Sheep: 2
<b>Vrede, Saulshoek Dierepraktyk</b>
Beef: 3
Especially upcoming farmers that don't want to take your advice or don't have the resources available to give.
Sheep: 2
Ignorance to level of nutrient requirement of pregnant ewes
<b>Winburg, Winburg Dierekliniek</b>
Beef: 3
<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>Camperdown, Camperdown Vet Clinic</b>
Beef: 3, Sheep: 3, Goat: 3

<b>Estcourt, Estcourt Vet Clinic</b>									
Beef: 3									
<b>Howick, Howick Veterinary Clinic</b>									
Beef: 3									
<b>Kokstad, E.G.Veterinary Services</b>									
Beef: 2, Sheep: 2									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Beef: 3, Dairy: 3									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Beef: 2									
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>									
Beef: 3, Sheep: 3, Goat: 3									
<b>Pongola, Pongola Animal Clinic</b>									
Beef: 2									
Communal areas burnt. Grazing quality and quantity poor									
Goat: 2									
Communal areas burnt. Grazing quality and quantity poor									
<b>Underberg, Underberg Veterinary Surgery</b>									
Beef: 3, Sheep: 3									
<b>Vryheid, Dr GH Theron</b>									
Beef: 3, Sheep: 3									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 2									
<b>Middelburg (EC), Steynsburg Dierehospitaal</b>									
Sheep: 3									
Protein deficiency - bottle jaw in sheep									
<b>Western Cape</b>									
<b>Malmesbury, Dr Otto Kriek</b>									
Beef: 3									
<b>Oudtshoorn, Ostrimed</b>									
Sheep: 2, Goat: 2									
<b>Phosphate deficiency</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>				2.5 (2)	1.0 (1)	2.0 (4)	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>				2.5 (2)		2.0 (3)			1.0 (1)
<b>Dairy</b>							2.0 (1)		
<b>Sheep</b>					1.0 (1)				
<b>Goat</b>						2.0 (1)			
<b>North West</b>									
<b>Christiana, Christiana Dierehospitaal</b>									
Beef: 2									
<b>Vryburg, Vryburg Dierehospitaal</b>									
Beef: 3									
Lame cattle									
<b>Free State</b>									
<b>Bethlehem, Bethlehem Animal Hospital</b>									



Sheep: 1									
<b>Kwazulu-Natal</b>									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Beef: 2									
<b>Pongola, Pongola Animal Clinic</b>									
Beef: 2, Goat: 2									
<b>Underberg, Underberg Veterinary Surgery</b>									
Beef: 2									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 2									
<b>Northern Cape</b>									
<b>Kathu, Kathu Dierekliniek</b>									
Beef: 1									
<b>Calcium deficiency</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>	2.3 (3)			3.0 (1)	2.0 (3)	2.5 (6)	2.5 (2)	2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>	2.0 (2)			3.0 (1)	1.0 (1)	2.3 (3)			
<b>Dairy</b>						2.0 (1)	2.5 (2)	2.0 (1)	
<b>Sheep</b>	3.0 (1)				2.5 (2)	3.0 (1)			
<b>Goat</b>						3.0 (1)			
<b>Mpumalanga</b>									
<b>Standerton, Standerton Dierehospitaal</b>									
Beef: 1									
<b>Volkstrust, Volkstrust Dierehospitaal</b>									
Beef: 3, Sheep: 3									
<b>North West</b>									
<b>Christiana, Christiana Dierehospitaal</b>									
Beef: 3									
<b>Free State</b>									
<b>Frankfort, Frankfort Dierekliniek</b>									
Beef: 1, Sheep: 3									
<b>Vrede, Saulshoek Dierepraktyk</b>									
Sheep: 2									
Ignorance to level of nutrient requirement of pregnant ewes									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 2									
<b>Dundee, Endumeni Herd health</b>									
Beef: 2									
<b>Estcourt, Estcourt Vet Clinic</b>									
Dairy: 2									
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>									
Beef: 3, Sheep: 3, Goat: 3									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 2									

**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 3

**Western Cape**

**Heidelberg WC, Heidelberg Dierekliniëk**

Dairy: 2

**Micro Nutritional Problems**

**Iodine deficiency**

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

**Average**

3.0 (1)

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

**Beef**

3.0 (1)

**Kwazulu-Natal**

**Bergville, Bergville Veterinary Clinic**

Beef: 3

**Copper deficiency**

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

**Average**

2.0 (1)

3.0 (1)

3.0 (1)

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

**Beef**

2.0 (1)

3.0 (1)

**Sheep**

3.0 (1)

**Free State**

**Ficksburg, Ficksburg Dierekliniëk**

Beef: 2

**Kwazulu-Natal**

**Bergville, Bergville Veterinary Clinic**

Beef: 3

**Western Cape**

**Caledon, Overberg Veterinary Hospital**

Sheep: 3

**Zinc deficiency**

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

**Average**

2.0 (1)

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

**Beef**

2.0 (1)

**Free State**

### Ficksburg, Ficksburg Dierekliniek

Beef: 2

### Selenium deficiency

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	3.0 (2)			3.0 (1)	1.5 (2)	2.1 (7)		3.0 (1)	

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

<b>Beef</b>	3.0 (2)				1.5 (2)	2.7 (3)			
<b>Dairy</b>						2.0 (2)			
<b>Sheep</b>				3.0 (1)		1.5 (2)		3.0 (1)	

#### Mpumalanga

##### Piet Retief, Pets Vet Hospital

Beef: 3

##### Standerton, Econovet

Beef: 3

#### North West

##### Christiana, Christiana Dierehospitaal

Sheep: 3

#### Free State

##### Ficksburg, Ficksburg Dierekliniek

Beef: 2

##### Memel, Memel Veterinary Clinic

Beef: 1

#### Kwazulu-Natal

##### Bergville, Bergville Veterinary Clinic

Beef: 3

##### Bergville, Tugela Vet Clinic

Sheep: 1

##### Estcourt, Estcourt Vet Clinic

Beef: 3, Dairy: 3

##### Kokstad, E.G.Veterinary Services

Beef: 2, Sheep: 2

##### Newcastle, Ncanduvet Newcastle

Dairy: 1

#### Western Cape

##### Caledon, Overberg Veterinary Hospital

Sheep: 3

### Magnesium deficiency

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)	2.5 (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 (1)	2.0 (1)			
<b>Dairy</b>							2.5 (2)		

<b>Sheep</b>	<b>2.0 (1)</b>
<b>Free State</b>	
<b>Ficksburg, Ficksburg Dierekliniek</b>	
Beef: 2	
<b>Zastron, Zastron Dierekliniek</b>	
Sheep: 2	
<b>Kwazulu-Natal</b>	
<b>Bergville, Tugela Vet Clinic</b>	
Beef: 2	
<b>Eastern Cape</b>	
<b>Humansdorp, Humansdorp Veterinary Clinic</b>	
Dairy: 2	
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>	
Dairy: 3	

<b>Manganese deficiency</b>									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<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>Free State</b>	
<b>Ficksburg, Ficksburg Dierekliniek</b>	
Beef: 2	

<b>Vitamin A deficiency</b>									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	<b>2.5 (2)</b>			<b>3.0 (2)</b>	<b>2.8 (4)</b>	<b>2.0 (5)</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>2.5 (2)</b>			<b>3.0 (1)</b>	<b>3.0 (1)</b>	<b>2.3 (3)</b>			
<b>Dairy</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>1.0 (1)</b>			

<b>Mpumalanga</b>	
<b>Nelspruit, Nelspruit Animal Hospital</b>	
Beef: 3	

Runny eyes (ophthalmia), nasal discharges (cold viruses) and cases of Ringworm, could be in part blamed on Vit A deficiency, especially when farmers don't use injectable Vit A formulations.

<b>Piet Retief, Pets Vet Hospital</b>	
Beef: 2	

<b>North West</b>	
<b>Christiana, Christiana Dierehospitaal</b>	
Beef: 3, Sheep: 3	

<b>Free State</b>	
<b>Hoopstad, Hoopstad Dierekliniek</b>	

Beef: 3, Dairy: 3, Sheep: 3
<b>Parys, Parys Dierehospitaal</b>
Sheep: 2
<b>Kwazulu-Natal</b>
<b>Estcourt, Estcourt Vet Clinic</b>
Dairy: 2
<b>Howick, Howick Veterinary Clinic</b>
Beef: 3
<b>Kokstad, E.G.Veterinary Services</b>
Beef: 1, Sheep: 1
<b>Underberg, Underberg Veterinary Surgery</b>
Beef: 3

### Vitamin B deficiency ^

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

<b>Kwazulu-Natal</b>
<b>Bergville, Tugela Vet Clinic</b>
Beef: 2
<b>Western Cape</b>
<b>Ceres, Ceres Veterinary Hospital</b>
Sheep: 1
CCN diagnosed at necropsy

### Multi-factorial Disease Conditions

### Abortions ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.3 (3)	1.7 (3)	2.0 (1)	2.8 (4)	2.2 (19)	2.1 (16)	2.5 (4)	2.0 (10)	

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 (3)	1.5 (2)		2.8 (4)	2.3 (12)	2.2 (9)		2.6 (5)	
<b>Dairy</b>					2.0 (2)	2.5 (2)		2.0 (2)	
<b>Sheep</b>		2.0 (1)	2.0 (1)		2.2 (5)	1.7 (3)	3.0 (2)	1.0 (1)	
<b>Goat</b>						2.0 (2)	2.0 (2)	1.0 (2)	

<b>Mpumalanga</b>
<b>Ermelo, Moregloed Veterinere Spreekkamer</b>
Beef: 1
<b>Middelburg, Middelburg Dierehospitaal</b>
Beef: 3

<b>Standerton, Standerton Dierehospitaal</b>
Beef: 3
<b>Gauteng</b>
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>
Beef: 2, Sheep: 2
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>
Beef: 1
<b>Limpopo</b>
<b>Bela-Bela, Warmbad Dierekliniek</b>
Sheep: 2
<b>North West</b>
<b>Brits, Brits Dierekliniek</b>
Beef: 3
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 3
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Beef: 2
<b>Schweizer-Reneke, NJ Heyns</b>
Beef: 3
<b>Free State</b>
<b>Bethlehem, Bethlehem Animal Hospital</b>
Sheep: 1
<b>Bloemfontein, Dr Stephan Wessels</b>
Beef: 2
<b>Bothaville, Cape Cross Bothaville Veterinary Hospital</b>
Beef: 2
3 cows aborted from 60, BM negative.
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 3
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 3, Sheep: 3
<b>Harrismith, Harrismith Dierehospitaal</b>
Beef: 1
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3, Dairy: 2, Sheep: 3
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>
Sheep: 2
<b>Memel, Memel Veterinary Clinic</b>
Beef: 2
<b>Parys, Parys Dierehospitaal</b>
Beef: 2, Dairy: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 2, Sheep: 2
<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>Camperdown, Camperdown Vet Clinic</b>
Sheep: 2, Goat: 2
<b>Dundee, Endumeni Herd health</b>
Beef: 2
<b>Estcourt, Estcourt Vet Clinic</b>
Beef: 2, Dairy: 2
<b>Howick, Howick Veterinary Clinic</b>
Beef: 3
<b>Kokstad, E.G.Veterinary Services</b>
Beef: 1, Sheep: 1
<b>Mooi River, Mooirivier Vet Clinic</b>
Beef: 3, Dairy: 3
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 2, Goat: 2
<b>Newcastle, Ncanduvet Newcastle</b>
Beef: 2
<b>Eastern Cape</b>
<b>Calvinia, Calvinia Veeartskliniek</b>
Sheep: 3
Sent samples away for diagnosis
<b>Graaff-Reinet, Graaff Reinet Veterinary Clinic</b>
Goat: 2
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Goat: 2
<b>Middelburg (EC), Steynsburg Dierehospitaal</b>
Sheep: 3
Abortions in sheep especially after a very cold week with night temperatures lower than 10 degrees Celcius every night
<b>Western Cape</b>
<b>Caledon, Overberg Veterinary Hospital</b>
Goat: 1
<b>George, George Animal Hospital</b>
Beef: 3
<b>Heidelberg WC, Heidelberg Dierekliniek</b>
Dairy: 2
<b>Malmesbury, Dr Otto Kriek</b>
Beef: 3
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Dairy: 2
<b>Oudtshoorn, Ostrimed</b>
Sheep: 1, Goat: 1
<b>Riversdal, Riversdal Dierekliniek</b>
Beef: 2
<b>Stellenbosch, Stellenbosch Animal Hospital</b>
Beef: 2
<b>Swellendam, Swellendam Dierehospitaal</b>
Beef: 3

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

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)
<b>Limpopo</b>			
<b>Bela-Bela, Warmbad Dierekliniek</b>			
Beef: 1			
<b>Free State</b>			
<b>Vrede, Saulshoek Dierepraktyk</b>			
Beef: 2			
<b>Kwazulu-Natal</b>			
<b>Ingogo, Gen XY Stud Beef Consultancy</b>			
Beef: 2			

Abscesses									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (2)	2.0 (2)		1.7 (3)	2.0 (6)	1.6 (11)	2.3 (3)	1.0 (1)	2.0 (1)

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

<b>Beef</b>	2.0 (2)		1.7 (3)	2.0 (3)	1.4 (5)				
<b>Dairy</b>					2.0 (2)	2.0 (1)	1.0 (1)		
<b>Sheep</b>		2.0 (1)		2.0 (3)	1.5 (2)	3.0 (1)			2.0 (1)
<b>Goat</b>		2.0 (1)			2.0 (2)	2.0 (1)			

<b>Mpumalanga</b>									
<b>Balfour, Balfour Dierekliniek</b>									
Beef: 1									
<b>Standerton, Standerton Dierehospitaal</b>									
Beef: 3									
<b>Gauteng</b>									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Goat: 2									
<b>Pretoria, Anima Veterinary Consulting Rooms</b>									
Sheep: 2									
<b>North West</b>									
<b>Brits, Brits Dierekliniek</b>									
Beef: 2									
<b>Swartruggens, Swartruggens Veterinary Clinic</b>									
Beef: 1									
<b>Vryburg, Vryburg Dierehospitaal</b>									
Beef: 2									
<b>Free State</b>									
<b>Bloemfontein, Dr Stephan Wessels</b>									
Beef: 1									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 2, Sheep: 3									
<b>Memel, Memel Veterinary Clinic</b>									
Sheep: 1									
<b>Reitz, Riemland Dierekliniek</b>									
Sheep: 2									
<b>Winburg, Winburg Dierekliniek</b>									



Beef: 3									
<b>Kwazulu-Natal</b>									
<b>Camperdown, Camperdown Vet Clinic</b>									
Sheep: 2, Goat: 2									
<b>Dundee, Endumeni Herd health</b>									
Beef: 1									
<b>Estcourt, Estcourt Vet Clinic</b>									
Beef: 2, Dairy: 2, Goat: 2									
<b>Kokstad, E.G.Veterinary Services</b>									
Beef: 1, Sheep: 1									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Beef: 2, Dairy: 2									
<b>Pongola, Pongola Animal Clinic</b>									
Beef: 1									
<b>Eastern Cape</b>									
<b>Graaff-Reinet, Graaff Reinet Veterinary Clinic</b>									
Goat: 2									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 2									
<b>Middelburg (EC), Steynsburg Dierehospitaal</b>									
Sheep: 3									
Udder abscesses in sheep									
<b>Western Cape</b>									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Dairy: 1									
<b>Northern Cape</b>									
<b>De Aar, De Aar Veterinary Clinic</b>									
Sheep: 2									
<b>Abscesses in general</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)	1.0 (1)	2.0 (1)	3.0 (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)	1.0 (1)	2.0 (1)	3.0 (1)	2.0 (1)			
<b>Sheep</b>		2.0 (1)							
<b>Goat</b>						2.0 (1)			
<b>Gauteng</b>									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Beef: 1, Sheep: 2									
<b>Limpopo</b>									
<b>Polokwane, Pietersburg Veterinary Clinic</b>									
Beef: 1									
<b>North West</b>									
<b>Christiana, Christiana Dierehospitaal</b>									
Beef: 2									
<b>Free State</b>									
<b>Kroonstad, Kroonstad Dierehospitaal</b>									
Beef: 3									
<b>Kwazulu-Natal</b>									

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2, Goat: 2

**Bladder stones**

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

<b>Average</b>		1.5 (2)			1.5 (2)				
----------------	--	---------	--	--	---------	--	--	--	--

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

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

<b>Sheep</b>		1.0 (1)			1.5 (2)				
--------------	--	---------	--	--	---------	--	--	--	--

**Gauteng**

**Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 2, Sheep: 1

**Free State**

**Bothaville, Cape Cross Bothaville Veterinary Hospital**

Sheep: 2

Ram lambs got bladder stones. Ca:P ratio of feed changed.

**Harrismith, Harrismith Dierehospitaal**

Sheep: 1

Outbreak of bladder stones with urine blockage in young ram lambs on maize fields which were castrated too early. They were not given ammonium chloride.

**Blindness**

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)	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 (1)							
-------------	--	---------	--	--	--	--	--	--	--

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

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

<b>Goat</b>						2.0 (1)			
-------------	--	--	--	--	--	---------	--	--	--

**Gauteng**

**Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 2, Sheep: 2

**Free State**

**Clocolan, Clocolan Dierekliniek**

Dairy: 1

**Kwazulu-Natal**

**Bergville, Tugela Vet Clinic**

Sheep: 2, Goat: 2

**Western Cape**

**Beaufort West, Beaufort West State Vet**

Sheep: 1

**Heidelberg WC, Heidelberg Dierekliniek**

Dairy: 2

Bloat									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)			2.0 (4)	1.7 (6)	1.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					2.0 (4)	1.6 (5)	1.0 (1)		
Sheep		2.0 (1)							
Goat						2.0 (1)			

Gauteng									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Sheep: 2									
Free State									
<b>Clocolan, Clocolan Dierekliniek</b>									
Beef: 2									
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>									
Beef: 1									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 2									
<b>Vrede, Saulshoek Dierepraktyk</b>									
Beef: 3									
Cows got access to shed with soya beans. Owner only requested advice over telephone. Secondary complications due to frothy bloat. 31 died									
Kwazulu-Natal									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 2									
<b>Bergville, Tugela Vet Clinic</b>									
Beef: 2									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Beef: 2									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Beef: 1, Goat: 2									
<b>Newcastle, Ncanduvet Newcastle</b>									
Beef: 1									
Eastern Cape									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Beef: 1									
Whole Orange									

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

Kroonstad, Kroonstad Dierehospitaal									
Sheep: 2									
Blue udder									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (3)	1.5 (2)		2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep					2.0 (3)	1.5 (2)		2.0 (1)	
Free State									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 2									
Parys, Parys Dierehospitaal									
Sheep: 2									
Reitz, Riemland Dierekliniek									
Sheep: 2									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Sheep: 2									
Newcastle, Ncanduvet Newcastle									
Sheep: 1									
Western Cape									
Heidelberg WC, Heidelberg Dierekliniek									
Sheep: 2									
Diarrhoea									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (4)	1.8 (5)	3.0 (2)	3.0 (2)	1.8 (8)	2.1 (11)	2.0 (1)	2.0 (3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.5 (2)	1.7 (3)	3.0 (1)	3.0 (1)	1.5 (4)	2.3 (4)		1.0 (1)	
Dairy					2.0 (1)	2.0 (1)	2.0 (1)	2.5 (2)	
Sheep	2.0 (1)	2.0 (1)		3.0 (1)	2.0 (3)	2.0 (3)			
Goat	2.0 (1)	2.0 (1)	3.0 (1)			2.0 (3)			
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 2, Sheep: 2, Goat: 2									
Standerton, Standerton Dierehospitaal									
Beef: 1									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2, Sheep: 2									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2, Goat: 2									
Pretoria, Anima Veterinary Consulting Rooms									
Beef: 1									

<b>Limpopo</b>									
<b>Modimolle, Kranskop Dierekliniek</b>									
Beef: 3, Goat: 3									
<b>North West</b>									
<b>Christiana, Christiana Dierehospitaal</b>									
Beef: 3, Sheep: 3									
<b>Free State</b>									
<b>Clocolan, Clocolan Dierekliniek</b>									
Dairy: 2									
<b>Ficksburg, Ficksburg Dierekliniek</b>									
Beef: 1									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 2, Sheep: 2									
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>									
Beef: 1									
<b>Memel, Memel Veterinary Clinic</b>									
Sheep: 2									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 2									
<b>Zastron, Zastron Dierekliniek</b>									
Sheep: 2									
<b>Kwazulu-Natal</b>									
<b>Bergville, Bergville Veterinary Clinic</b>									
Beef: 3									
<b>Bergville, Tugela Vet Clinic</b>									
Sheep: 2, Goat: 2									
<b>Dundee, Endumeni Herd health</b>									
Beef: 2									
<b>Estcourt, Estcourt Vet Clinic</b>									
Dairy: 2, Sheep: 2, Goat: 2									
<b>Kokstad, E.G.Veterinary Services</b>									
Beef: 2, Sheep: 2									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Beef: 2, Goat: 2									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 2									
Calves									
<b>Western Cape</b>									
<b>Malmesbury, Dr Otto Kriek</b>									
Dairy: 2									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Dairy: 3									
<b>Swellendam, Swellendam Dierehospitaal</b>									
Beef: 1									

Eye Cancer									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (5)	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>			2.0 (1)	1.0 (1)	
<b>Dairy</b>			2.0 (3)	2.5 (2)	2.0 (1)
<b>Sheep</b>			2.0 (1)	1.0 (1)	

#### Free State

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

Dairy: 2

3 cows in herd with cancerous eyes.

##### Clocolan, Clocolan Dierekliniek

Dairy: 2

##### Parys, Parys Dierehospitaal

Sheep: 2

##### Reitz, Riemland Dierekliniek

Beef: 2, Dairy: 2

#### Kwazulu-Natal

##### Bergville, Tugela Vet Clinic

Sheep: 1

##### Estcourt, Estcourt Vet Clinic

Dairy: 2

##### Mooi River, Mooirivier Vet Clinic

Dairy: 3

##### Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

#### Western Cape

##### Heidelberg WC, Heidelberg Dierekliniek

Dairy: 2

### Eye infections

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.7 (6)	2.3 (3)		2.5 (6)	2.1 (11)	1.9 (14)	2.7 (3)	1.5 (2)	

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

<b>Beef</b>	1.5 (2)	2.0 (1)		2.5 (4)	2.0 (7)	1.9 (7)			
<b>Dairy</b>						2.0 (2)	3.0 (1)	1.5 (2)	
<b>Sheep</b>	1.7 (3)	2.5 (2)		2.5 (2)	2.3 (4)	2.0 (2)	3.0 (1)		
<b>Goat</b>	2.0 (1)					1.7 (3)	2.0 (1)		

#### Mpumalanga

##### Balfour, Balfour Dierekliniek

Beef: 2, Sheep: 2, Goat: 2

##### Ermelo, Moregloed Veterinere Spreekkamer

Sheep: 1

##### Middelburg, Middelburg Dierehospitaal

Beef: 1

##### Standerton, Econovet

Sheep: 2

#### Gauteng

##### Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2, Sheep: 2

**Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 3

**North West**

**Christiana, Christiana Dierehospitaal**

Beef: 3, Sheep: 3

**Leeudoringstad, Leeudoringstad Dierekliniek**

Beef: 3

**Schweizer-Reneke, NJ Heyns**

Beef: 2

**Swartruggens, Swartruggens Veterinary Clinic**

Beef: 2, Sheep: 2

**Free State**

**Bethlehem, Bethlehem Animal Hospital**

Beef: 1

**Clocolan, Clocolan Dierekliniek**

Beef: 2

**Ficksburg, Ficksburg Dierekliniek**

Beef: 2, Sheep: 2

**Frankfort, Frankfort Dierekliniek**

Beef: 3, Sheep: 3

**Hoopstad, Hoopstad Dierekliniek**

Beef: 2, Sheep: 2

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 2

**Reitz, Riemland Dierekliniek**

Sheep: 2

**Winburg, Winburg Dierekliniek**

Beef: 2

**Kwazulu-Natal**

**Bergville, Bergville Veterinary Clinic**

Beef: 2

**Bergville, Tugela Vet Clinic**

Beef: 2, Sheep: 2, Goat: 2

**Ingogo, Gen XY Stud Beef Consultancy**

Beef: 3

**Kokstad, E.G.Veterinary Services**

Beef: 1

**Mooi River, Mooirivier Vet Clinic**

Beef: 2, Dairy: 2, Sheep: 2

**Mtubatuba, Mtubatuba Animal Clinic**

Beef: 2, Dairy: 2, Goat: 2

**Pongola, Pongola Animal Clinic**

Beef: 1, Goat: 1

**Eastern Cape**

**Humansdorp, Humansdorp Veterinary Clinic**

Goat: 2

**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 3

**Middelburg (EC), Steynsburg Dierehospitaal**

Sheep: 3

Ophthalmia outbreaks in sheep of unknown origin

**Western Cape**

**Heidelberg WC, Heidelberg Dierekliniek**

Dairy: 2  
**Malmesbury, Malmesbury Dierehospitaal**  
 Dairy: 1

**Joint III** [^](#)

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)	1.3 (3)	1.5 (4)		2.0 (1)	

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

<b>Beef</b>	1.0 (1)				2.0 (1)	1.5 (4)			
<b>Sheep</b>		1.0 (1)		2.0 (1)	1.0 (2)			2.0 (1)	

- Mpumalanga**
- Standerton, Standerton Dierehospitaal**
- Beef: 1
- Gauteng**
- Bronkhorstspuit, Kerkstraat Dierkliniek**
- Sheep: 1
- North West**
- Christiana, Christiana Dierehospitaal**
- Sheep: 2
- Free State**
- Memel, Memel Veterinary Clinic**
- Sheep: 1
- Winburg, Winburg Dierkliniek**
- Beef: 2, Sheep: 1
- Kwazulu-Natal**
- Bergville, Bergville Veterinary Clinic**
- Beef: 2
- Dundee, Endumeni Herd health**
- Beef: 1
- Newcastle, Ncanduvet Newcastle**
- Beef: 1
- Vryheid, Dr GH Theron**
- Beef: 2
- Western Cape**
- Riversdal, Riversdal Dierkliniek**
- Sheep: 2

**Lameness/Foot Problems** [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.8 (5)	1.7 (3)	1.0 (1)	2.3 (3)	2.0 (5)	1.6 (5)	2.3 (4)	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>	1.7 (3)	1.0 (1)	1.0 (1)	2.5 (2)	2.0 (4)	1.3 (3)		1.0 (3)	
<b>Dairy</b>					2.0 (1)		2.7 (3)	2.5 (2)	
<b>Sheep</b>	2.0 (1)	2.0 (2)		2.0 (1)		2.0 (1)		2.3 (3)	



Goat	2.0 (1)	2.0 (1)	1.0 (1)
<b>Mpumalanga</b>			
<b>Balfour, Balfour Dierekliniek</b>			
Beef: 2, Sheep: 2, Goat: 2			
<b>Ermelo, Moregloed Veterinere Spreekkamer</b>			
Beef: 1			
<b>Standerton, Standerton Dierehospitaal</b>			
Beef: 2			
<b>Gauteng</b>			
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>			
Beef: 1, Sheep: 2			
<b>Pretoria, Anima Veterinary Consulting Rooms</b>			
Sheep: 2			
<b>Limpopo</b>			
<b>Tzaneen, Tzaneen Dierekliniek</b>			
Beef: 1			
<b>North West</b>			
<b>Christiana, Christiana Dierehospitaal</b>			
Beef: 3			
<b>Swartruggens, Swartruggens Veterinary Clinic</b>			
Beef: 2, Sheep: 2			
<b>Free State</b>			
<b>Clocolan, Clocolan Dierekliniek</b>			
Beef: 2			
<b>Kroonstad, Kroonstad Dierehospitaal</b>			
Dairy: 2			
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>			
Beef: 2			
<b>Parys, Parys Dierehospitaal</b>			
Beef: 2			
<b>Winburg, Winburg Dierekliniek</b>			
Beef: 2			
<b>Kwazulu-Natal</b>			
<b>Bergville, Tugela Vet Clinic</b>			
Beef: 2			
<b>Camperdown, Camperdown Vet Clinic</b>			
Sheep: 2			
<b>Dundee, Endumeni Herd health</b>			
Beef: 1			
<b>Estcourt, Estcourt Vet Clinic</b>			
Beef: 1			
<b>Mtubatuba, Mtubatuba Animal Clinic</b>			
Goat: 2			
<b>Eastern Cape</b>			
<b>Alexandria, Alexandria Platteland Spreekkamer</b>			
Dairy: 2			
<b>Humansdorp, Humansdorp Veterinary Clinic</b>			
Goat: 1			
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>			
Dairy: 3			
<b>Uitenhage, Uitenhage Dierehospitaal</b>			
Dairy: 3			
Foot rot			
<b>Western Cape</b>			

<b>Darling, Darling Dierekliniek</b>
Sheep: 3
Foot rot
<b>Malmesbury, Dr Otto Kriek</b>
Dairy: 2
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Dairy: 3, Sheep: 3
<b>Oudtshoorn, Ostrimed</b>
Beef: 1, Sheep: 1
<b>Oudtshoorn, Oudtshoorn Dierekliniek</b>
Beef: 1
<b>Swellendam, Swellendam Dierehospitaal</b>
Beef: 1

Lung infection									<a href="#">^</a>
----------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	1.7 (6)	1.6 (5)	2.0 (7)	2.4 (8)	2.1 (15)	2.4 (15)	2.0 (1)	2.7 (3)	

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

<b>Beef</b>	2.3 (3)	1.5 (2)	2.0 (2)	2.2 (6)	2.1 (9)	2.4 (9)			
<b>Dairy</b>					3.0 (1)	2.0 (1)		2.5 (2)	
<b>Sheep</b>	1.0 (2)	2.0 (2)	2.0 (3)	3.0 (2)	2.0 (5)	2.5 (4)		3.0 (1)	
<b>Goat</b>	1.0 (1)	1.0 (1)	2.0 (2)			2.0 (1)	2.0 (1)		

Mpumalanga
<b>Balfour, Balfour Dierekliniek</b>
Beef: 1, Sheep: 1
<b>Ermelo, Moregloed Veterinere Spreekkamer</b>
Beef: 3
<b>Piet Retief, Pets Vet Hospital</b>
Sheep: 1, Goat: 1
<b>Standerton, Standerton Dierehospitaal</b>
Beef: 3
Gauteng
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>
Beef: 2, Sheep: 2
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>
Beef: 1, Goat: 1
<b>Nigel, Welgelegen Dierekliniek</b>
Sheep: 2
Limpopo
<b>Bela-Bela, Warmbad Dierekliniek</b>
Sheep: 2
<b>Machado, Blouberg Dierekliniek</b>
Beef: 2, Sheep: 2, Goat: 2
<b>Polokwane, Pietersburg Veterinary Clinic</b>
Beef: 2
Dust and cold weather
Sheep: 2
Dust and cold weather

Goat: 2
Dust and cold weather
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 3, Sheep: 3
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Beef: 3, Sheep: 3
<b>Rustenburg, Protea Dierekliniek</b>
Beef: 1
<b>Schweizer-Reneke, NJ Heyns</b>
Beef: 2
Pneumonia in calves, Pseudomonas isolated.
<b>Swartruggens, Swartruggens Veterinary Clinic</b>
Beef: 1
<b>Vryburg, Vryburg Dierehospitaal</b>
Beef: 3
<b>Free State</b>
<b>Bethlehem, Bethlehem Animal Hospital</b>
Beef: 2, Sheep: 2
<b>Bothaville, Cape Cross Bothaville Veterinary Hospital</b>
Beef: 1
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 3, Dairy: 3
<b>Ficksburg, Ficksburg Dierekliniek</b>
Beef: 2, Sheep: 2
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 2, Sheep: 2
<b>Kroonstad, Kroonstad Dierehospitaal</b>
Beef: 3, Sheep: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2, Sheep: 2
<b>Vrede, Vrede Dierehospitaal</b>
Beef: 1
<b>Winburg, Winburg Dierekliniek</b>
Beef: 3
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 2
<b>Bergville, Tugela Vet Clinic</b>
Beef: 2, Sheep: 2
<b>Dundee, Endumeni Herd health</b>
Beef: 3
Condition aggravated by dust and secondary bacterial infection
Sheep: 3
Condition aggravated by dust and secondary bacterial infection
<b>Estcourt, Estcourt Vet Clinic</b>
Dairy: 2
<b>Howick, Howick Veterinary Clinic</b>
Beef: 3
<b>Kokstad, E.G.Veterinary Services</b>
Beef: 2, Sheep: 2
<b>Mooi River, Mooirivier Vet Clinic</b>
Beef: 2
<b>Mtubatuba, Mtubatuba Animal Clinic</b>

Beef: 2, Goat: 2
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>
Beef: 3
<b>Underberg, Underberg Veterinary Surgery</b>
Beef: 3, Sheep: 3
<b>Eastern Cape</b>
<b>Graaff-Reinet, Graaff Reinet Veterinary Clinic</b>
Goat: 2
<b>Western Cape</b>
<b>Darling, Darling Dierekliniek</b>
Dairy: 3
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Dairy: 2
<b>Vredenburg, Vredenburg Dierehospitaal</b>
Sheep: 3
Foot rot

Mastitis in general									<a href="#">^</a>
---------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.0 (4)	1.0 (3)		3.0 (1)	1.5 (4)	2.2 (9)	2.3 (4)	2.9 (8)	1.0 (1)

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

<b>Beef</b>	2.0 (3)	1.0 (1)		3.0 (1)	1.0 (2)	2.2 (5)	1.0 (1)	3.0 (5)	
<b>Dairy</b>		1.0 (1)			2.0 (2)	2.3 (3)	2.7 (3)	2.7 (3)	
<b>Sheep</b>	2.0 (1)	1.0 (1)				2.0 (1)			1.0 (1)

<b>Mpumalanga</b>
<b>Balfour, Balfour Dierekliniek</b>
Beef: 2, Sheep: 2
<b>Ermelo, Moregloed Veterinere Spreekkamer</b>
Beef: 1
<b>Standerton, Standerton Dierehospitaal</b>
Beef: 3
<b>Gauteng</b>
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>
Beef: 1, Dairy: 1
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>
Sheep: 1
<b>North West</b>
<b>Christiana, Christiana Dierehospitaal</b>
Beef: 3
<b>Free State</b>
<b>Clocolan, Clocolan Dierekliniek</b>
Dairy: 2
<b>Memel, Memel Veterinary Clinic</b>
Beef: 1
<b>Parys, Parys Dierehospitaal</b>
Dairy: 2
<b>Viljoenskroon, Viljoenskroon Dierekliniek</b>
Beef: 1
<b>Kwazulu-Natal</b>

<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 2
<b>Dundee, Endumeni Herd health</b>
Beef: 2
<b>Estcourt, Estcourt Vet Clinic</b>
Dairy: 3
<b>Howick, Howick Veterinary Clinic</b>
Beef: 3
<b>Kokstad, E.G.Veterinary Services</b>
Beef: 2, Sheep: 2
<b>Mooi River, Mooirivier Vet Clinic</b>
Dairy: 2
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Dairy: 2
<b>Pongola, Pongola Animal Clinic</b>
Beef: 2
<b>Eastern Cape</b>
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Beef: 1, Dairy: 2
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>
Dairy: 3
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Dairy: 3
<b>Western Cape</b>
<b>Caledon, Overberg Veterinary Hospital</b>
Beef: 3
<b>Darling, Darling Dierekliniek</b>
Dairy: 3
E. coli mastitis
<b>George, George Animal Hospital</b>
Beef: 3
Wet conditions
<b>Heidelberg WC, Heidelberg Dierekliniek</b>
Dairy: 2
<b>Malmesbury, Dr Otto Kriek</b>
Beef: 3
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Dairy: 3
<b>Riversdal, Riversdal Dierekliniek</b>
Beef: 3
Staphylococcus aureus
<b>Swellendam, Swellendam Dierehospitaal</b>
Beef: 3
<b>Northern Cape</b>
<b>Kimberley, Kimberley Dierekliniek</b>
Sheep: 1

Navel III									<a href="#">^</a>
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)		1.5 (2)	1.5 (2)	1.7 (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>	1.0 (1)	1.5 (2)	1.7 (3)	1.0 (1)
<b>Dairy</b>		2.0 (1)		1.0 (1)
<b>Sheep</b>		1.0 (1)		

#### Gauteng

##### Bapsfontein, Bapsfontein Dierehospitaal

Beef: 1

#### North West

##### Swartruggens, Swartruggens Veterinary Clinic

Beef: 1

##### Vryburg, Vryburg Dierehospitaal

Beef: 2

#### Free State

##### Clocolan, Clocolan Dierekliniek

Dairy: 2

##### Memel, Memel Veterinary Clinic

Sheep: 1

#### Kwazulu-Natal

##### Bergville, Bergville Veterinary Clinic

Beef: 2

##### Dundee, Endumeni Herd health

Beef: 1

##### Vryheid, Dr GH Theron

Beef: 2

#### Western Cape

##### Malmesbury, Malmesbury Dierehospitaal

Dairy: 1

##### Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

### Redgut (Sheep)



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

#### Free State

##### Clocolan, Clocolan Dierekliniek

Sheep: 2

##### Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

### Trauma



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)								
<b>Gauteng</b>									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Beef: 1									
<b>Downer</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>	3.0 (1)	2.0 (1)			2.0 (2)	2.5 (4)			

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

<b>Beef</b>	3.0 (1)	2.0 (1)			2.0 (2)	2.5 (4)			
<b>Mpumalanga</b>									
<b>Nelspruit, Nelspruit Animal Hospital</b>									
Beef: 3									
Discussed under PEM (Protein-Energy-Malnutrition)									
<b>Gauteng</b>									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Beef: 2									
<b>Free State</b>									
<b>Frankfort, Frankfort Dierekliniek</b>									
Beef: 3									
<b>Vrede, Saulshoek Dierpraktyk</b>									
Beef: 1									
<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: 2									
Emaciation									
<b>Newcastle, Ncanduvet Newcastle</b>									
Beef: 3									
<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>						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>Goat</b>	1.0 (1)								
<b>Kwazulu-Natal</b>									
<b>Camperdown, Camperdown Vet Clinic</b>									
Goat: 1									

## Orchitis

**Metabolic Diseases****Acidosis**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.5 (2)	2.0 (1)		2.5 (2)	1.9 (15)	1.5 (8)	2.0 (2)	1.0 (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>	2.5 (2)				1.8 (6)	1.7 (3)			
<b>Dairy</b>						2.0 (1)	2.0 (2)	1.0 (1)	
<b>Sheep</b>		2.0 (1)		2.5 (2)	2.0 (9)	1.3 (3)		1.0 (1)	3.0 (1)
<b>Goat</b>						1.0 (1)			

**Mpumalanga****Piet Retief, Pets Vet Hospital**

Beef: 2

**Standerton, Standerton Dierehospitaal**

Beef: 3

Excessive maize

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

Sheep: 2

**North West****Leeudoringstad, Leeudoringstad Dierekliniek**

Sheep: 3

30 Sheep died, grazing in harvested maize field

**Ventersdorp, Buffelsvlei Dierekliniek**

Sheep: 2

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

Sheep: 2

**Clocolan, Clocolan Dierekliniek**

Beef: 2

**Ficksburg, Ficksburg Dierekliniek**

Beef: 1, Sheep: 1

**Frankfort, Frankfort Dierekliniek**

Beef: 2, Sheep: 3

**Harrismith, Harrismith Dierehospitaal**

Sheep: 2

Some sheep already 2 weeks on maize fields - acidosis occur when it rained. Even lambs at 2,5 months of age had acidosis. Do not know whether they were separated from their mothers and where forced to eat more maize.

**Kroonstad, Kroonstad Dierehospitaal**

Beef: 2, Sheep: 2

**Ladybrand, Ladybrand / Excelsior Dierekliniek**

Sheep: 2

**Parys, Parys Dierehospitaal**

Sheep: 2

**Reitz, Riemland Dierekliniek**

Beef: 2, Sheep: 2



<b>Vrede, Vrede Dierehospitaal</b>									
Beef: 2, Sheep: 2									
<b>Kwazulu-Natal</b>									
<b>Bergville, Tugela Vet Clinic</b>									
Beef: 2									
<b>Camperdown, Camperdown Vet Clinic</b>									
Sheep: 1									
<b>Estcourt, Estcourt Vet Clinic</b>									
Dairy: 2									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Beef: 2, Sheep: 2									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Goat: 1									
<b>Newcastle, Ncanduvet Newcastle</b>									
Beef: 1, Sheep: 1									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 3									
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>									
Dairy: 1									
<b>Western Cape</b>									
<b>Beaufort West, Beaufort West State Vet</b>									
Sheep: 1									
<b>Heidelberg WC, Heidelberg Dierekliniek</b>									
Dairy: 1									
<b>Northern Cape</b>									
<b>De Aar, De Aar Veterinary Clinic</b>									
Sheep: 3									
Lost 30 sheep									
<b>Displaced abomasum</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 (1)	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>Dairy</b>		2.0 (1)			1.0 (1)	2.0 (1)	1.5 (2)	2.0 (1)	
<b>Gauteng</b>									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Dairy: 2									
<b>Free State</b>									
<b>Parys, Parys Dierehospitaal</b>									
Dairy: 1									
<b>Kwazulu-Natal</b>									
<b>Estcourt, Estcourt Vet Clinic</b>									
Dairy: 2									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 1									
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>									
Dairy: 2									

Western Cape									
Darling, Darling Dierekliniek									
Dairy: 2									
Ketosis									<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 (6)	1.7 (3)	2.5 (2)	2.5 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.0 (1)				
Dairy						2.0 (1)	2.5 (2)		
Sheep		2.0 (1)			2.2 (5)			2.5 (2)	
Goat						1.5 (2)			
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 2									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 2									
Kroonstad, Kroonstad Dierehospitaal									
Sheep: 2									
Parys, Parys Dierehospitaal									
Beef: 1									
Reitz, Riemland Dierekliniek									
Sheep: 3									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Vrede, Saulshoek Dierepraktyk									
Sheep: 2									
Ignorance to level of nutrient requirement of pregnant ewes									
Kwazulu-Natal									
Mooi River, Mooirivier Vet Clinic									
Goat: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Dairy: 2, Goat: 1									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 3									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 2									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 3									
Heidelberg WC, Heidelberg Dierekliniek									
Sheep: 2									
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 (1)	2.2 (6)	2.3 (4)	2.5 (2)	2.0 (2)
----------------	---------	---------	---------	---------	---------

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

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

<b>Gauteng</b>									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Dairy: 1									
<b>Free State</b>									
<b>Frankfort, Frankfort Dierekliniek</b>									
Beef: 2, Sheep: 3									
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>									
Sheep: 2									
<b>Parys, Parys Dierehospitaal</b>									
Sheep: 2									
<b>Reitz, Riemland Dierekliniek</b>									
Dairy: 2									
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>									
Sheep: 2									
<b>Kwazulu-Natal</b>									
<b>Bergville, Tugela Vet Clinic</b>									
Beef: 2									
<b>Estcourt, Estcourt Vet Clinic</b>									
Dairy: 2									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Dairy: 3									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Dairy: 2									
<b>Eastern Cape</b>									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 2									
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>									
Dairy: 3									
<b>Western Cape</b>									
<b>Heidelberg WC, Heidelberg Dierekliniek</b>									
Dairy: 2, Sheep: 2									

## Reproductive diseases

Dystocia (Difficult Births) <span style="float: right;">^</span>									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	2.4 (8)	1.8 (4)	1.4 (7)	2.4 (8)	2.3 (27)	2.2 (20)	2.0 (7)	1.9 (12)	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>	2.7 (6)	2.0 (2)	1.6 (5)	2.4 (8)	2.4 (17)	2.3 (14)	1.3 (3)	2.2 (5)	1.0 (1)
-------------	---------	---------	---------	---------	----------	----------	---------	---------	---------

<b>Dairy</b>				2.0 (2)	2.5 (2)	2.5 (4)	2.3 (4)
<b>Sheep</b>	1.5 (2)	1.5 (2)	1.0 (1)	2.3 (8)	2.0 (1)		1.0 (2)
<b>Goat</b>			1.0 (1)		1.7 (3)		1.0 (1)

### **Mpumalanga**

#### **Bethal, Bethal Dierekliniek**

Beef: 2, Sheep: 1

#### **Ermelo, Moregloed Veterinere Spreekkamer**

Beef: 3

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

Beef: 3

Calving season commenced. Veterinarian gladly helps his regular herd clients, but it is difficult to assist farmers that never use a veterinarian.

#### **Standerton, Econovet**

Beef: 3

#### **Standerton, Standerton Dierehospitaal**

Beef: 3

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

Beef: 2, Sheep: 2

### **Gauteng**

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

Beef: 2, Sheep: 2

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

Beef: 2

#### **Pretoria, Anima Veterinary Consulting Rooms**

Sheep: 1

### **Limpopo**

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

Beef: 2

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

Beef: 1

#### **Modimolle, Kranskop Dierekliniek**

Beef: 3, Sheep: 1

#### **Tzaneen, Tzaneen Dierekliniek**

Beef: 1, Goat: 1

#### **Vaalwater, Vaalwater Dieresprekkamer**

Beef: 1

### **North West**

#### **Brits, Brits Dierekliniek**

Beef: 3

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

Beef: 3

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

Beef: 3

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

Beef: 1

#### **Schweizer-Reneke, NJ Heyns**

Beef: 3

#### **Swartruggens, Swartruggens Veterinary Clinic**

Beef: 1

#### **Ventersdorp, Buffelsvlei Dierekliniek**

Beef: 2

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

Beef: 3

### **Free State**

<b>Bloemfontein, Dr Stephan Wessels</b>
Beef: 2
<b>Bothaville, Cape Cross Bothaville Veterinary Hospital</b>
Beef: 2
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 2, Dairy: 2, Sheep: 2
<b>Ficksburg, Ficksburg Dierekliniek</b>
Beef: 3
Due to protein and micro-mineral deficiencies
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 3, Sheep: 3
<b>Harrismith, Harrismith Dierehospitaal</b>
Beef: 2
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 3, Sheep: 3
<b>Kroonstad, Kroonstad Dierehospitaal</b>
Beef: 2, Sheep: 2
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>
Beef: 1, Sheep: 2
<b>Memel, Memel Veterinary Clinic</b>
Beef: 3
<b>Parys, Parys Dierehospitaal</b>
Beef: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 3, Dairy: 2, Sheep: 3
<b>Viljoenskroon, Viljoenskroon Dierekliniek</b>
Beef: 2
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>
Beef: 2, Sheep: 2
<b>Vrede, Saulshoek Dierepraktyk</b>
Beef: 2
<b>Vrede, Vrede Dierehospitaal</b>
Beef: 3, Sheep: 1
<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, Goat: 2
<b>Camperdown, Camperdown Vet Clinic</b>
Beef: 2, Goat: 2
<b>Dundee, Endumeni Herd health</b>
Beef: 2
<b>Estcourt, Estcourt Vet Clinic</b>
Beef: 2, Dairy: 2
<b>Greytown, Greytown Veterinary Hospital</b>
Beef: 2
<b>Howick, Howick Veterinary Clinic</b>
Beef: 3
<b>Kokstad, E.G.Veterinary Services</b>
Beef: 1
<b>Mooi River, Mooirivier Vet Clinic</b>
Beef: 3, Dairy: 3

<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Beef: 2, Goat: 1									
<b>Newcastle, Ncanduvet Newcastle</b>									
Beef: 2, Sheep: 2									
<b>Pietermaritzburg, Richmond Veterinay Clinic</b>									
Beef: 3									
<b>Underberg, Underberg Veterinary Surgery</b>									
Beef: 3									
<b>Vryheid, Dr GH Theron</b>									
Beef: 2									
<b>Eastern Cape</b>									
<b>Alexandria, Alexandria Platteland Spreekkamer</b>									
Dairy: 2									
<b>Aliwal North, Uitspan C Troskie</b>									
Beef: 2									
<b>Cradock, Cradock Veterinary Clinic</b>									
Beef: 1									
<b>Graaff-Reinet, Graaff Reinet Veterinary Clinic</b>									
Beef: 1									
<b>Humansdorp, Humansdorp Veterinary Clinic</b>									
Dairy: 2									
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>									
Dairy: 3									
<b>Uitenhage, Uitenhage Dierehospitaal</b>									
Dairy: 3									
<b>Western Cape</b>									
<b>Ceres, Ceres Veterinary Hospital</b>									
Beef: 2, Goat: 1									
<b>George, George Animal Hospital</b>									
Beef: 2									
Cows too fat									
<b>Heidelberg WC, Heidelberg Dierekliniek</b>									
Dairy: 1									
<b>Malmesbury, Dr Otto Kriek</b>									
Dairy: 3									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Dairy: 2									
<b>Oudtshoorn, Ostrimed</b>									
Sheep: 1									
<b>Oudtshoorn, Oudtshoorn Dierekliniek</b>									
Beef: 1, Sheep: 1									
<b>Riversdal, Riversdal Dierekliniek</b>									
Dairy: 3									
<b>Stellenbosch, Stellenbosch Animal Hospital</b>									
Beef: 3									
<b>Swellendam, Swellendam Dierehospitaal</b>									
Beef: 3									
<b>Northern Cape</b>									
<b>Kimberley, Kimberley Dierekliniek</b>									
Beef: 1									
<b>Endometritis</b>									<a href="#">^</a>
<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>

				West	State	Natal	Cape	Cape	Cape
<b>Average</b>		1.0 (1)			2.0 (2)	2.0 (2)	3.0 (1)	1.5 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
<b>Beef</b>		1.0 (1)			2.0 (1)			1.0 (1)	
<b>Dairy</b>					2.0 (1)	2.0 (2)	3.0 (1)	2.0 (1)	

<b>Gauteng</b>									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Beef: 1									
<b>Free State</b>									
<b>Clocolan, Clocolan Dierekliniek</b>									
Dairy: 2									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 2									
<b>Kwazulu-Natal</b>									
<b>Estcourt, Estcourt Vet Clinic</b>									
Dairy: 2									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Dairy: 2									
<b>Eastern Cape</b>									
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>									
Dairy: 3									
<b>Western Cape</b>									
<b>Heidelberg WC, Heidelberg Dierekliniek</b>									
Dairy: 2									
<b>Stellenbosch, Stellenbosch Animal Hospital</b>									
Beef: 1									

## Metritis ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	3.0 (1)	1.0 (1)		1.8 (4)	1.5 (6)	2.6 (7)	3.0 (2)	2.4 (5)	

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

<b>Beef</b>				1.8 (4)	1.3 (3)	2.8 (4)		2.0 (2)	
<b>Dairy</b>	3.0 (1)				2.0 (2)	2.5 (2)	3.0 (2)	2.7 (3)	
<b>Sheep</b>		1.0 (1)			1.0 (1)	2.0 (1)			

<b>Mpumalanga</b>									
<b>Standerton, Standerton Dierehospitaal</b>									
Dairy: 3									
<b>Gauteng</b>									
<b>Pretoria, Anima Veterinary Consulting Rooms</b>									
Sheep: 1									
<b>North West</b>									
<b>Brits, Brits Dierekliniek</b>									
Beef: 1									
<b>Christiana, Christiana Dierehospitaal</b>									
Beef: 2									

<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>									
Beef: 3									
<b>Swartruggens, Swartruggens Veterinary Clinic</b>									
Beef: 1									
Pyometra									
<b>Free State</b>									
<b>Clocolan, Clocolan Dierekliniek</b>									
Dairy: 2									
<b>Ficksburg, Ficksburg Dierekliniek</b>									
Beef: 1									
<b>Memel, Memel Veterinary Clinic</b>									
Sheep: 1									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 2, Dairy: 2									
<b>Winburg, Winburg Dierekliniek</b>									
Beef: 1									
<b>Kwazulu-Natal</b>									
<b>Dundee, Endumeni Herd health</b>									
Beef: 3									
<b>Estcourt, Estcourt Vet Clinic</b>									
Dairy: 2									
<b>Howick, Howick Veterinary Clinic</b>									
Beef: 3									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Beef: 3, Dairy: 3, Sheep: 2									
<b>Vryheid, Dr GH Theron</b>									
Beef: 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>George, George Animal Hospital</b>									
Beef: 1									
<b>Heidelberg WC, Heidelberg Dierekliniek</b>									
Dairy: 2									
<b>Malmesbury, Dr Otto Kriek</b>									
Dairy: 3									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Dairy: 3									
<b>Swellendam, Swellendam Dierehospitaal</b>									
Beef: 3									
<b>Poor conception</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)	2.0 (2)		3.0 (1)	2.5 (6)	2.5 (6)		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>	1.0 (2)	2.0 (1)		3.0 (1)	2.5 (4)	2.5 (4)		3.0 (1)	



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

<b>Mpumalanga</b>									
<b>Balfour, Balfour Dierekliniek</b>									
Beef: 1									
<b>Nelspruit, Nelspruit Animal Hospital</b>									
Beef: 1									
<b>Gauteng</b>									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Beef: 2, Sheep: 2									
<b>North West</b>									
<b>Christiana, Christiana Dierehospitaal</b>									
Beef: 3									
<b>Free State</b>									
<b>Clocolan, Clocolan Dierekliniek</b>									
Beef: 3									
<b>Hoopstad, Hoopstad Dierekliniek</b>									
Beef: 2, Sheep: 2									
<b>Reitz, Riemland Dierekliniek</b>									
Beef: 2, Dairy: 3									
<b>Winburg, Winburg Dierekliniek</b>									
Beef: 3									
<b>Kwazulu-Natal</b>									
<b>Estcourt, Estcourt Vet Clinic</b>									
Dairy: 2									
<b>Howick, Howick Veterinary Clinic</b>									
Beef: 3									
<b>Mooi River, Mooirivier Vet Clinic</b>									
Beef: 3, Dairy: 3									
<b>Mtubatuba, Mtubatuba Animal Clinic</b>									
Beef: 1									
<b>Underberg, Underberg Veterinary Surgery</b>									
Beef: 3									
<b>Western Cape</b>									
<b>Malmesbury, Dr Otto Kriek</b>									
Dairy: 3									
<b>Malmesbury, Malmesbury Dierehospitaal</b>									
Dairy: 2									
<b>Swellendam, Swellendam Dierehospitaal</b>									
Beef: 3									

<b>Retained afterbirth</b>									<a href="#">^</a>
----------------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
<b>Average</b>	<b>2.5 (2)</b>	<b>1.0 (1)</b>	<b>1.0 (1)</b>	<b>2.5 (4)</b>	<b>2.1 (9)</b>	<b>2.1 (9)</b>	<b>2.3 (3)</b>	<b>1.8 (5)</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>2.5 (2)</b>	<b>1.0 (1)</b>	<b>1.0 (1)</b>	<b>2.5 (4)</b>	<b>2.1 (8)</b>	<b>2.1 (7)</b>	<b>1.0 (1)</b>	<b>1.3 (3)</b>	
<b>Dairy</b>					<b>2.0 (1)</b>	<b>2.0 (2)</b>	<b>3.0 (2)</b>	<b>2.5 (2)</b>	

<b>Mpumalanga</b>									
-------------------	--	--	--	--	--	--	--	--	--

<b>Standerton, Standerton Dierehospitaal</b>
Beef: 3
<b>Volksrust, Volksrust Dierehospitaal</b>
Beef: 2
<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: 3
<b>Leeudoringstad, Leeudoringstad Dierekliniek</b>
Beef: 3
<b>Schweizer-Reneke, NJ Heyns</b>
Beef: 2
<b>Vryburg, Vryburg Dierehospitaal</b>
Beef: 2
<b>Free State</b>
<b>Bloemfontein, Dr Stephan Wessels</b>
Beef: 1
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 2, Dairy: 2
<b>Ficksburg, Ficksburg Dierekliniek</b>
Beef: 3
Due to protein and mineral deficiencies
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 3
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 2
<b>Vrede, Saulshoek Dierepraktyk</b>
Beef: 2
No mineral and vitamin A supplementation
<b>Winburg, Winburg 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>Dundee, Endumeni Herd health</b>
Beef: 2
<b>Estcourt, Estcourt Vet Clinic</b>
Dairy: 2
<b>Howick, Howick Veterinary Clinic</b>
Beef: 3
<b>Ingogo, Gen XY Stud Beef Consultancy</b>
Beef: 2
<b>Mooi River, Mooirivier Vet Clinic</b>
Beef: 2, Dairy: 2
<b>Vryheid, Dr GH Theron</b>

Beef: 2
<b>Eastern Cape</b>
<b>Aliwal North, Uitspan C Troskie</b>
Beef: 1
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>
Dairy: 3
<b>Uitenhage, Uitenhage Dierehospitaal</b>
Dairy: 3
<b>Western Cape</b>
<b>Caledon, Overberg Veterinary Hospital</b>
Beef: 1
<b>Ceres, Ceres Veterinary Hospital</b>
Beef: 1
<b>Malmesbury, Dr Otto Kriek</b>
Dairy: 2
<b>Malmesbury, Malmesbury Dierehospitaal</b>
Dairy: 3
<b>Swellendam, Swellendam Dierehospitaal</b>
Beef: 2

<b>Uterus prolaps</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 (2)	1.5 (2)	1.0 (1)		2.0 (10)	2.0 (6)	1.3 (3)	2.0 (1)	

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

<b>Beef</b>	2.0 (2)	1.0 (1)	1.0 (1)		2.0 (8)	1.8 (4)			
<b>Dairy</b>					2.0 (1)	2.5 (2)	1.5 (2)	2.0 (1)	
<b>Sheep</b>		2.0 (1)			2.0 (1)		1.0 (1)		

<b>Mpumalanga</b>
<b>Nelspruit, Nelspruit Animal Hospital</b>
Beef: 1
<b>Piet Retief, Pets Vet Hospital</b>
Beef: 3
<b>Gauteng</b>
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>
Beef: 1, Sheep: 2
<b>Limpopo</b>
<b>Modimolle, Kranskop Dierekliniek</b>
Beef: 1
<b>Free State</b>
<b>Clocolan, Clocolan Dierekliniek</b>
Beef: 2
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 2
<b>Harrismith, Harrismith Dierehospitaal</b>
Beef: 2
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 1
<b>Kroonstad, Kroonstad Dierehospitaal</b>

Beef: 2, Dairy: 2
<b>Parys, Parys Dierehospitaal</b>
Beef: 2
<b>Reitz, Riemland Dierekliniek</b>
Beef: 3, Sheep: 2
<b>Vrede, Saulshoek Dierepraktyk</b>
Beef: 2
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 2
<b>Bergville, Tugela Vet Clinic</b>
Beef: 2
<b>Estcourt, Estcourt Vet Clinic</b>
Beef: 2, Dairy: 2
<b>Mooi River, Mooirivier Vet Clinic</b>
Dairy: 3
<b>Newcastle, Ncanduvet Newcastle</b>
Beef: 1
<b>Eastern Cape</b>
<b>Humansdorp, Humansdorp Veterinary Clinic</b>
Dairy: 1, Sheep: 1
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>
Dairy: 2
<b>Western Cape</b>
<b>Heidelberg WC, Heidelberg Dierekliniek</b>
Dairy: 2

<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>	1.6 (5)	2.0 (3)	2.0 (1)	1.0 (3)	1.9 (9)	2.1 (8)	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>	1.7 (3)	2.0 (2)	2.0 (1)	1.0 (3)	1.8 (6)	2.1 (7)	1.0 (1)		
<b>Sheep</b>	1.5 (2)	2.0 (1)			2.0 (3)	2.0 (1)		1.0 (1)	

<b>Mpumalanga</b>
<b>Bethal, Bethal Dierekliniek</b>
Beef: 2, Sheep: 1
<b>Piet Retief, Pets Vet Hospital</b>
Beef: 1
<b>Standerton, Standerton Dierehospitaal</b>
Beef: 2, Sheep: 2
<b>Gauteng</b>
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>
Beef: 2, Sheep: 2
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>
Beef: 2
<b>Limpopo</b>
<b>Modimolle, Kranskop Dierekliniek</b>
Beef: 2
<b>North West</b>

<b>Brits, Brits Dierekliniek</b>
Beef: 1
<b>Swartruggens, Swartruggens Veterinary Clinic</b>
Beef: 1
<b>Ventersdorp, Buffelsvlei Dierekliniek</b>
Beef: 1
<b>Free State</b>
<b>Frankfort, Frankfort Dierekliniek</b>
Beef: 2
<b>Harrismith, Harrismith Dierehospitaal</b>
Beef: 2
<b>Hoopstad, Hoopstad Dierekliniek</b>
Beef: 2, Sheep: 3
<b>Kroonstad, Kroonstad Dierehospitaal</b>
Beef: 1
<b>Ladybrand, Ladybrand / Excelsior Dierekliniek</b>
Beef: 1
<b>Reitz, Riemland Dierekliniek</b>
Beef: 3, Sheep: 2
<b>Vrede, Saulshoek Dierepraktyk</b>
Sheep: 1
<b>Kwazulu-Natal</b>
<b>Bergville, Bergville Veterinary Clinic</b>
Beef: 3
<b>Bergville, Tugela Vet Clinic</b>
Beef: 2
<b>Estcourt, Estcourt Vet Clinic</b>
Beef: 2
<b>Greytown, Greytown Veterinary Hospital</b>
Beef: 1
<b>Mooi River, Mooirivier Vet Clinic</b>
Beef: 2
<b>Mtubatuba, Mtubatuba Animal Clinic</b>
Beef: 3
Dry conditions with underlying mineral deficiency leading to poor muscle tone. Respond well to kyrophos injections.
<b>Newcastle, Ncanduvet Newcastle</b>
Beef: 2, Sheep: 2
<b>Eastern Cape</b>
<b>Humansdorp, Humansdorp Veterinary Clinic</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						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>Kwazulu-Natal</b>										
<b>Mtubatuba, Mtubatuba Animal Clinic</b>										
Beef: 1										
<b>Residues</b>										
<b>Drug residues</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>							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>Dairy</b>										3.0 (1)
<b>Eastern Cape</b>										
<b>Jeffreys Bay, Cape Cross Veterinary Hospital</b>										
Dairy: 3										
<b>Non specific diseases</b>										
<b>Preditors</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 (2)			2.3 (6)	2.0 (1)				

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

<b>Beef</b>		1.0 (1)			2.0 (1)					
<b>Dairy</b>					2.0 (1)					
<b>Sheep</b>		1.0 (1)			2.5 (4)	2.0 (1)				
<b>Gauteng</b>										
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>										
Beef: 1, Sheep: 1										
<b>Free State</b>										
<b>Clocolan, Clocolan Dierekliniek</b>										
Beef: 2, Dairy: 2, Sheep: 2										
<b>Frankfort, Frankfort Dierekliniek</b>										
Sheep: 3										
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>										
Sheep: 2										
<b>Vrede, Saulshoek Dierpraktyk</b>										
Sheep: 3										
<b>Kwazulu-Natal</b>										
<b>Bergville, Tugela Vet Clinic</b>										
Sheep: 2										

## Sabotation - Theft ^

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 (2)	3.0 (2)			
----------------	---------	---------	--	--	---------	---------	--	--	--

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

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

<b>Mpumalanga</b>									
<b>Nelspruit, Nelspruit Animal Hospital</b>									
Beef: 2									
<b>Gauteng</b>									
<b>Bapsfontein, Bapsfontein Dierehospitaal</b>									
Beef: 1									
<b>Free State</b>									
<b>Frankfort, Frankfort Dierekliniek</b>									
Sheep: 3									
<b>Villiers, Wilgepoort Dierekliniek Vennootskap</b>									
Sheep: 3									
<b>Kwazulu-Natal</b>									
<b>Bergville, Tugela Vet Clinic</b>									
Beef: 3, Sheep: 3									

## Trauma ^

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

<b>Gauteng</b>									
<b>Bronkhorstspuit, Kerkstraat Dierekliniek</b>									
Beef: 1, Sheep: 2									
<b>Free State</b>									
<b>Frankfort, Frankfort Dierekliniek</b>									
Sheep: 3									
<b>Kwazulu-Natal</b>									
<b>Camperdown, Camperdown Vet Clinic</b>									
Sheep: 2									
Mauled by dogs									
<b>Western Cape</b>									
<b>Ceres, Ceres Veterinary Hospital</b>									
Beef: 2									
One bull with trauma. One calf with trauma (bite wound from horse)									
Goat: 2									

**Feedlot report received from drs. Shaun Morris and Eben du Preez ([edupreez1@telkomsa.net](mailto:edupreez1@telkomsa.net))**

**Cattle feed lots:**

Numerous cases of acidosis with concomitant syndromes such as bloat, red gut, liver abscesses, rumen damage, and a few cases of vitamin B 1 deficiency which affects the brain. Windy conditions causing disturbed feeding patterns were mostly the cause. Rumen damage in calves which previously had been grazing on harvested maize fields contributed to the damage seen at abattoirs. The growth and immunity are usually compromised and results in lighter carcasses and lowered weight gains.

If a calf was treated for pneumonia it will take at least two weeks longer to be fattened. The retarded growth, condemnation of organs and cost of treatment result in such a calf often being a loss to the feedlot and abattoir.

It has been proven that the backgrounding, a good vaccination program, already weaned calves and good quality calves is the best recipe for healthier calves. It is also a big advantage for the commercial producer to deliver a better, heavier weaner calf.

A few cases of lumpy skin occurred.

Liver fluke infestations cause livers to be condemned.

A few cases of anaplasmosis with mortalities occurred.

Mortalities due to black quarter occurred in a few feed lots.

**Sheep feed lots:**

It was mostly weak and light lambs which caused problems such as pulpy kidney, poor adaptation, blood gut, acidosis and pneumonia.

A few cases of salmonellosis with mortalities were diagnosed.

Internal parasites were not diagnosed during the past month.

Problems with eye infections are mostly ascribed to vitamin A deficiencies.

Weak lambs were trampled to death in a few cases on vehicles travelling over long distances. Such lambs should not be loaded onto vehicles.

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

August was characterized by a variety of unusual causes of disease, listed alphabetically by syndrome.



## LIVESTOCK DISEASE SURVEILANCE

Abcesses were caused by *Trueperella pyogenes* in cattle [2] and a goat, *Staphylococcus pseudointermedius* [bovine], *Corynebacterium pseudotuberculosis* [goat], and a combined infection of *Streptococcus ovis* and *Pseudomonas aeruginosa* in a sheep. *Streptococcus ovis* is newly-described, and its role in disease in South Africa is not yet understood. A laryngeal abscess in a sheep yielded a combination of *Mannheimia haemolytica* and *Histophilus somni*.

Abortions yielded *Brucella abortus* and *Campylobacter fetus* from cattle, and a probable [smear only] case of *Coxiella* from the placenta of a sheep.

Blue udder in sheep was due to a combination of *Staphylococcus pseudointermedius* and the anaerobe, *Porphyromonas*. Anaerobes often complicate infections and might be the reason for persistence of an infection, when the animal is treated for the aerobic infection only.

Bovine mastitis yielded *Staphylococcus aureus*.

*Mannheimia* biovar 8A caused meningitis in a sheep.

Respiratory infections in feedlot cattle yielded *Mycoplasma* [10], *Pasteurella multocida* [7], *Histophilus somni* [5], *Mannheimia* biovar 10 [2], and one each of *Mannheimia granulomatis*, *M. varigena* and *Bibersteinia trehalosi*. *Streptococcus suis*, although usually found in pigs, can also cause respiratory disease in ruminants, and did so in a sheep this month. Another sheep had a mixed *Mannheimia haemolytica* and *Trueperella pyogenes* pneumonia. Pigs yielded *Haemophilus parasuis* and *Pasteurella caballi*, which usually causes respiratory infections in horses.

Two cases of septicaemia in calves were due to *Salmonella* Typhimurium.

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

LIVESTOCK SPECIES	DISEASE AGENT	NO. CASES	LOCATION
Bovine	Sporadic Bovine Leukosis	1	Kokstad, KZN
Bovine	Chemical rumenitis + adult salmonellosis	15	Humansdorp, E. Cape
Bovine	Hepatic necrobacillosis (Fusobacterium)	1	Greytown, KZN
Porcine	Lawsonial enteritis (PIA, NE)	5	Howick, KZN
Bovine	Braken Fern Poisoning	1	Richmond, KZN
Ovine	Tulp Poisoning	2	Durbanville, W. Cape
Caprine	Nutritional cardiomyopathy fetus (Se def)	2	Ermelo, Mpumalanga
Bovine	Selenium Poisoning	1	Viljoenskroon, Free State
Bovine	Malignant Catarrhal Fever	1	Volksrust, Mpumalanga
Bovine	Aspiration Pneumonia	1	Howick, KZN
Ovine	Listeriosis	1	Bethal, Mpumalanga
Ovine	Clostridial enteritis (blood gut)	1	Bethal, Mpumalanga
Ovine	Ovine Jaagsiekte	1	Brits, North West
Feedlot Steers	Pasteurella multocida	3	Wartburg, KZN
Bovine	Clostridial enterotoxaemia	1	Humansdorp, E. Cape
Bovine Dairy Calf	Mycotic rumenitis - milk in rumen	1	Mooi River, KZN
Bovine Beef Calf	Enterohemorrhagic E. coli (attaching + effacing)	1	Dundee, KZN

<b>KZN MASTITIS BACTERIAL ISOLATES AUGUST 2014</b>
--

Bacterial isolate	Number of Cases
<i>Bacillus cereus</i>	0
<i>Citrobacter</i> spp	0
<i>Corneybacterium</i> spp	3
<i>Enterobacter</i> spp	0
<i>Enterococcus</i> spp	0
<i>Escherchia coli</i>	20
<i>Klebsiella</i> spp	0
<i>Proteus</i> spp	0
<i>Pseudomonas</i> spp	0
<i>Staphylococcus aureus</i>	39
<i>Staphylococcus epidermidis</i>	13
<i>Staphylococcus intermedius</i> group - white	161
<i>Staphylococcus intermedius</i> group - yellow	22
<i>Staphylococcus pseudintermedius</i>	14
<i>Staphylococcus</i> spp (Coagulase Negative)	0
<i>Streptococcus agalactiae</i>	0
<i>Streptococcus dysgalactiae</i>	4

<i>Streptococcus pneumoniae</i>	15
<i>Streptococcus uberis</i>	29

HUMANSDORP VETERINARY CLINIC  
Dr. Francois van Niekerk (humvet@intekom.co.za)

## DAIRY NEWSLETTER AUGUST 2014

### FOCUS ON FEED AND RUMEN HEALTH

#### HIGH CRUDE PROTEIN INTAKE AND FERTILITY

Excess crude protein in the diet ( as on soft lush rye grass pastures) cause excess urea and ammonia in the blood and as a result an excess in the follicular fluid. The urea and ammonia is toxic for the oocyst (ovum). The result is low conception as well as early embrionic losses.

#### SUB-ACUTE RUMEN ACIDOSIS [SARA]

Sub-acute ruminale acidosis [SARA] is a significant production disease of dairy cattle including dairy cattle on pastures. Potential consequences include laminitis and lameness. Highly digestible rye grass contains high concentrations of rapidly fermentable carbohydrate and low concentrations of physical effective fibre that may result in SARA. Low rumen pH is prevalent in dairy cattle in Ireland consuming rye grass-based pasture and also at the Outeniqua Research Station near George and no doubt in the Tsitsikamma.

#### FIBRE

The importance of high quality plant fibre in the diet of a dairy cow's diet is often underestimated as one forgets that the cow's health and production are mainly dependant on rumen health and for this good quality plant fibre (roughage) is necessary.

The solution for both problems described above is sufficient **good quality** roughage with sufficient fibre.

If you are "overstocked" rather keep less cows and give them sufficient, good quality roughage, mainly pasture. Your bottom line will increase, ask farmers who have done this!

#### FEED BATCH SAMPLES

*Do you retain samples of loads/consignments/batches of feed?* If not, you are risking complications when a poor quality or toxic batch of feed is delivered and investigations of disease, death or poor production become necessary.

#### RUMEN pH AND SALMONELLOSIS

Rumen pH is usually about 6 depending on the diet. Excess acid [e g from grain overload] or excess alkali from buffers such as limestone [calcium carbonate] or magnesium oxide can disturb rumen and intestinal pH and make the herd susceptible to an outbreak of Salmonellosis.

#### PARTING SHOT

At the most basic level a dairy farmer is a manager of microbes (bacteria and microbes) in the rumen!

