

Monthly report on livestock disease trends as informally reported by veterinarians in South Africa March 2014

Level of Reporting

The following practices and laboratories (84) submitted reports during February 2014:

Mpumalanga (12)

Balfour – dr. Louis van Jaarsveld
Bethal – dr. Hardus Pieters
Delmas – dr. Johan Jooste
Ermelo – dr. Gert Oosthuizen
Ermelo – dr. Ben Potgieter
Lydenburg – drs. Trümpelmann and Steyn
Nelspruit – dr. André Beytell
Nelspruit – dr. Derek Venter
Middelburg – drs. Fourie and Barkhuizen
Piet Retief - drs. Niebuhr and Weber
Standerton – dr. Kobie Kroon
Volksrust – dr. André Visser

Gauteng (3)

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

Limpopo (5)

Bela-Bela – drs. Du Toit, Hansen, Bester and Herbst
Machado (Louis Trichardt) – drs. Harris, Klopper and Jacobs
Mokopane (Potgietersrus) - dr. Henk Visser
Polokwane (Pietersburg) – dr. Gavin Watson

Vaalwater - dr. Hampie van Staden

North West (6)

Brits – drs. Boshoff and Hahn

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

Ventersdorp – dr. Olof Marais

Free State (19)

Bethlehem – drs. Basson, Strydom and Strydom

Bloemfontein - dr. Stephan Wessels

Bothaville – dr. Johan Blaauw

Bultfontein – dr. Santjie Pieterse

Clocolan – drs. Marwick and Wasserman

De Wetsdorp – dr. Marike Badenhorst

Frankfort - dr. Dries Lessing

Harrismith - drs. Pretorius, Thirion and Nel

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. Rudolph Fourie

Wesselsbron – dr. Johan Jacobs

Zastron – dr. Phillip Brandt

KwaZulu-Natal (16)

Bergville - drs. Ariena Shepherd

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

Mtubatuba – dr. Trever Viljoen

Mtunzini – dr. Peter Ardington

Newcastle – dr. Barry Rafferty

Pietermaritzburg – dr. Phillip Kretzmann

Pietermaritzburg – dr. Rick Mapham

Pongola – dr. Heinz Kohrs

Underberg - drs. Collins, King and Delaney

Underberg – dr. Pete Dommett

Eastern Cape (8)

Alexandria - dr. Johan Olivier

Aliwal North – drs. Troskie and Strauss

Graaff-Reinet – dr. Hobson and Strydom

Graaff- Reinet - dr. Roland Larson

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

Stutterheim – dr. Dave Waterman

Jeffreys Bay – drs. Lategan, Hoek and McFarlane

Uitenhage – dr. Riaan Mulder

Western Cape (9)

Ceres – dr. Marc Walton

Darling – drs. Van der Merwe and Adam

George - drs. Strydom, Truter and Pettifer

Malmesbury – drs. Bosman and Groenewald

Malmesbury – dr. Otto Kriek

Oudtshoorn – dr. Glen Carlisle

Plettenberg Bay – dr. André Reitz

Stellenbosch – dr. Alfred Kidd

Vredenburg - dr. Izak Rust

Northern Cape (3)

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. Annelize Jonker – State Vet Lab, Stellenbosch

Introduction and summary of diseases and other conditions during March 2014

For the month of March 2014, 84 reports were received from veterinarians, members of the Livestock Health and Production Group of the South African Veterinary Association. In addition reports were received from feedlot consultants and laboratories.

- **Internal parasites**

Roundworms

Wireworms

Late continuous rainfall especially in the summer rainfall areas led to severe outbreaks of wireworm infestations in small stock. Reports of mortalities were received. Some farmers are still not aware of the different anthelmintic groups that should continuously be assessed for efficacy. Numerous reports of anthelmintic resistance were received.

Group Code	Generic class of actives	Example of active molecules
1	Macrocyclic lactones	Abamectin Eprinomectin Ivermectin Moxidectin
2	Benzimidazoles (white drugs)	Albendazole Fenbendazole Ricobendazole Triclabendazole
3	Imidathiazoles (clear drugs)	Levamisole
4	Salicylanilides	Closantel Niclosamide Resorantel Rafoxanide
5	Nitrophenols	Nitroxinyl
6	Sulphonamides	Clorsulon
7	Organophosphors	Trichlorfon
8	Isoquinolones	Praziquantel
9	Others	Piperazine Monepantel (AAD's - new active, should be a new group 11)
10	Spiroindoles	Derquantel

The way to assess the efficacy is to do a faecal egg count reduction test (FECRT). Consult your veterinarian to assist you in doing this test.

Brown stomach-worm

A report was received from an infestation in kids on pasture.

Eye worm

A report on ophthalmia caused by this worm (*Thelazia rhodesii*) was received.

Tape worms

Lambs were mostly affected and it should be taken into account that resistance to drugs have been recorded. Actives that should be evaluated for efficacy are: benzimidazoles, salicylanilides (niclosamide, resorantel) and isoquinolones (praziquantel)

Liver flukes

Reports are received monthly of animals affected by liver fluke. Clinical signs are bottle jaw and anaemia, signs similar to wireworm infestation. Before moving animals into camps where the intermediate hosts (water snails) are present, the liver fluke burden should be cleared out so as to prevent the water snails becoming infected . Discuss the treatment protocol with your veterinarian.

Conical fluke

Beware of outbreaks when moving animals into camps where the intermediate host snails are present.

Parafilaria infestation

Reports were received from the bushveld areas. Cattle due for slaughter should be treated at least 70 days before slaughter to allow lesions caused by this parasite, to heal

Measles (cysticercus)

Biosecurity measures should be stepped up to prevent animals becoming infected with this parasite. Supply toilets and train workers on the life-cycle and dangers of this zoonotic disease.

Coccidiosis

Numerous outbreaks were reported.

External parasites

After the rains and hot weather tick numbers increased and with that the tick transmitted diseases such as African and Asiatic redwater, anaplasmosis and heartwater. Make sure that the actives used for tick control are still controlling ticks satisfactorily.

Ticks

Actives that can be used for controlling blue ticks are as follow:

Active groups	Example of actives
Organophosphors	Chlorfenvinphos
Amidines	Amitraz Simiasol
Pyrethroids	Alphamethrin Cyhalomethrin Cypermethrin Deltamethrin Fenvalerate Flumethrin
Macrocyclic lactones	Abamectin Doramectin Eprinomectin Ivermectin Moxidectin
Acaricide growth regulator	Fluazuron

Tests can be done on ticks to assess the efficacy of the acaricides used. Contact your veterinarian for information.

All the tick species were reported in excessive numbers ie. **blue ticks, heartwater ticks, brown ear-ticks, bont-legged ticks, red-legged ticks and paralysis ticks.**

Important finding

Three bloodsucking hard tick species, commonly found in sub-Saharan Africa, are involved in the transmission of a debilitating livestock disease called lumpy skin disease to cattle herds across Africa.

The three tick species identified as vectors for the disease are the *Rhipicephalus (Boophilus) decoloratus* (blue tick), *R. appendiculatus* (brown ear tick) and *Amblyomma hebraeum* (bont tick).

This was proven by Dr Jimmy Clement Lubinga, who received his doctoral degree in veterinary tropical diseases on the subject during the University of Pretoria's Autumn Graduation Ceremony on 11 April 2014.

Lumpy skin disease was first diagnosed in Zambia in 1929. It spread through Botswana into South Africa and now covers the entire continent.

Until now the method of lumpy skin disease virus transmission— a growing problem in herds in Africa and the Near East- has not been fully understood and mostly been associated with flying insects. Dr Lubinga's study has now confirmed that ticks are also vectors for the virus.

"The ticks also act as 'reservoirs' for the virus, as it can persist in these external parasites during periods between epidemics," explains Dr. Lubinga. "The virus has been found in their saliva and organs, and could potentially overwinter in these ticks."

For more information go to the following website:

http://web.up.ac.za/pdfs/8641_Ticks%20help%20spread%20lumpy%20skin%20disease%20among%20cattle.pdf

Lice

Infestations of sucking (blue) and biting (red) lice were reported. These parasites are usually a big problem in winter.

Insects

The following were reported on insects causing problems: **flies, blowflies, screw-worm, nasal bot and midges.**

Tick borne diseases

Due to the increase in tick numbers huge outbreaks of the following diseases were recorded: **African and Asiatic red water, anaplasmosis, sweating sickness, and Corridor disease.**

Discuss with your veterinarian on how to prevent these diseases through a well managed vaccination programme.

Insect borne diseases

A drastic increase in the following diseases occurred: **lumpy skin disease, three day stiff sickness, bluetongue and horse sickness**. Mortalities due to virus causing three day stiff sickness occurred and vaccine unavailability did not help the situation at all.

No reports of Rift Valley Fever and Wesselsbron disease were received.

Venereal diseases

It is so important to keep biosecurity measures regarding venereal (**trichomonosis and vibriosis**) diseases in tact. Now is the time to assess conception rates in the flock or herd through pregnancy examinations and scanning. By testing bulls coming out of the herd, it can be established if there are venereal diseases present in the herd and corrective actions can be taken.

Zoonotic diseases

Brucellosis is still a huge problem and will be addressed every month!

Test animals for **brucellosis** and remove positive animals from the farm. Be careful when animals are bought and quarantine and test them before they are introduced into the herd.

Remember to vaccinate heifers with strain 19 vaccine **before** the age of 8 months.

Bacterial diseases

Bacterial diseases can be controlled through properly planned vaccination programmes. As each farm has unique conditions plan and adjust programmes with the help of your veterinarian. It is important to update the programme continuously. Diseases that were reported are: **anthrax, blackquarter, swelled head, red gut, blood gut, tetanus, botulism, pulpy kidney, salmonellosis, Johnes disease, enzootic abortion, E. coli, lumpy wool, Senkobo disease and *Fusibacterium necrophorum***.

Viral diseases

The prevalence of **Bovine malignant catarrh (snotsiekte)** is increasing and both forms of the disease: wildebeest and sheep associated forms were reported.

Bovine respiratory disease (PI 3, IBR, BVD, BRSV) can be controlled through vaccinations. As can be seen from reports pneumonia is not only a winter problem but is reported throughout the year. Vaccines are available to help you limit these losses.

Other viral diseases such as **enzootic bovine leucosis (EBL), warts and orf** were reported.

Poisonings

The following poisonings were reported: **Ink berry, Geeldikkop, Senecio, Lantana, kikuyu, Nenta, prussic acid and blue-green algae**.

Snake bites were also reported.

Illegal products

There are many illegal products being sold to farmers. Use only products that have been registered according to Act 36 of 1947. If a specific claim is being made for

example controlling specific parasites, the label or container should have a G-number printed on it.

For more information on diseases and vaccination programmes visit your **local veterinarian** and **Vra vir Faffa**.

<http://www.landbou.com/kundiges/vra-vir-faffa-indeks/>

DISEASE DISTRIBUTION REPORT AS REPORTED BY VETERINARIANS

<input type="text" value="rep_disease_sun"/>	<input type="text" value="vetprac"/>	<input type="text"/>
Month:	<input type="text" value="Mar 2014"/>	

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<u>Internal Parasites</u>	Roundworms in general , Resistant Round Worms , Wireworm , Brown stomach-worm , Tape Worms , Liver fluke , Conical Flukes , Parafilaria , Cysticercosis , Eye worm (Thelazia rhodesii)
<u>External Parasites</u>	Blue ticks , Resistant blue Ticks , Heartwater (Bont) ticks , Brown ear-ticks , Bont-legged ticks , Red-legged ticks , Paralysis ticks , Biting lice (red lice) , Sucking lice (blue lice) , Scab mites , Mange Mites , Nuisance Flies , Blowflies , Screw-worm , Nasal bot larvae , Midges , Tampans
<u>Tick-borne Diseases</u>	African red water , Asiatic red water , Anaplasmosis , Heartwater , Sweating Sickness , Corridor disease
<u>Insect Transmittable Diseases</u>	Lumpy skin disease , Three-day-stiffsickness , Bluetongue
<u>Venereal Diseases</u>	Trichomonosis , Vibriosis
<u>Bacterial Disease (other)</u>	Anthrax , Blackquarter , Swelled head disease , Redgut , Tetanus , Botulism , Pulpy Kidney , Salmonellosis , Brucella abortus , Johnes disease , Leptospirosis , Enzootic Abortion , E.coli , Dermatophilosis (Lumpy Wool) , Bovine Dermatophilosis (Senkobo disease) , Fusibacterium necrophorum
<u>Protozoal diseases (other)</u>	Coccidiosis
<u>Fungal diseases</u>	Ringworm
<u>Viral Diseases (other)</u>	BMC , BVD (Bovine viral diarrhoea) , IBR (Infectious bovine rhinotracheitis) , Enzootic Bovine Leucosis (EBL) , Orf , Warts
<u>Poisonings (Plant)</u>	Cestrum , Geeldikkop/Dikoor , Kikuyu poisoning , Lantana , Nenta poisoning (Krimpsiekte) , Other , Prussic acid poisoning , Seneciosis , Tulip Poisoning , Vermeersiekte (Gaigeria spp.)

<u>Poisonings</u>	Blue-green algae , Chemical products , Snake Bite , Urea Poisoning
<u>Macro Nutritional Problems</u>	Energy deficiency , Protein deficiency , Phosphate deficiency , Calcium deficiency
<u>Micro Nutritional Problems</u>	Copper deficiency , Zinc deficiency , Selenium deficiency , Vitamin A deficiency
<u>Multi-factorial Disease Conditions</u>	Abortions , Abscesses , Abscesses in general , Bladder stones , Blindness , Bloat , Blue udder , Diarrhoea , Epididymitis , Eye Cancer , Eye infections , Joint Ill , Lameness/Foot Problems , Lung infection , Mastitis in general , Navel Ill
<u>Metabolic Diseases</u>	Acidosis , Displaced abomasum , Ketosis , Milk Fever
<u>Reproductive diseases</u>	Dystocia (Difficult Births) , Endometritis , Metritis , Poor conception , Retained afterbirth , Uterus prolaps , Vaginal (Cervical) prolaps
<u>Climatical Cause</u>	Heat stress
<u>Residues</u>	Drug residues

Internal Parasites

Roundworms in general									^ _
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.6 (9)	2.8 (4)		2.3 (4)	2.7 (20)	2.3 (16)	2.4 (7)	2.5 (2)	3.0 (1)

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

Beef					3.0 (1)	2.0 (2)			
Sheep	2.6 (8)	2.7 (3)		2.3 (3)	2.8 (17)	2.5 (8)	2.3 (6)	2.5 (2)	3.0 (1)
Goat	2.0 (1)	3.0 (1)		2.0 (1)	2.0 (2)	2.2 (6)	3.0 (1)		

Mpumalanga									
Balfour, Balfour Diereklíníek									
Sheep: 1									
Delmas, Delmas									
Sheep: 3									
Ermelo, Joubertstraat Diereklíníek									
Sheep: 3									
Lydenburg, Lydenburg Dieresprekkamer									
Sheep: 3									
Middelburg, Middelburg Dierehospitaal									
Sheep: 3									
Nelspruit, Nelspruit Animal Hospital									
Sheep: 2, Goat: 2									
Piet Retief, Pets Vet Hospital									

Sheep: 3
Standerton, Econovet
Sheep: 3
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Sheep: 2
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 3
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Sheep: 3, Goat: 3
North West
Brits, Brits Dierekliniek
Sheep: 3, Goat: 2
Christiana, Christiana Dierehospitaal
Sheep: 3
Rustenburg, Protea Dierekliniek
Sheep: 1
Verminosis In sheep and game
Free State
Bethlehem, Bethlehem Animal Hospital
Sheep: 3
Bloemfontein, Dr Stephan Wessels
Sheep: 3
Bothaville, Cape Cross Bothaville Veterinary Hospital
Goat: 2
Round worms in goats, lost two.
Bultfontein, Greylingrust Dieresprekkamer
Sheep: 2
Clocolan, Clocolan Dierekliniek
Sheep: 3
Frankfort, Frankfort Dierekliniek
Sheep: 3
Harrismith, Harrismith Dierehospitaal
Sheep: 3
February was usually the month with the most roundworm problems, due to the dry conditions in February and continuous rain in March the problem has shifted to the last 2 weeks in March with huge outbreaks.
Hertzogville, Hertzogville Dierekliniek
Sheep: 3
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Sheep: 3
Ladybrand, Ladybrand Dierekliniek
Sheep: 3
Memel, Memel Veterinary Clinic
Sheep: 3
Parys, Parys Dierehospitaal
Sheep: 2
Especially on the irrigated pastures and due to farmers following rep-advice and not discussing treatment options with his vet.
Goat: 2
Reitz, Riemland Dierekliniek
Sheep: 3
Viljoenskroon, Viljoenskroon Dierekliniek

Sheep: 3

Villiers, Wilgepoort Dierekliniek

Sheep: 3

Vrede, Saulshoek Dierepraktyk

Sheep: 2

Zastron, Zastron Dierekliniek

Sheep: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Sheep: 2

Camperdown, Camperdown Vet Clinic

Goat: 1

Dundee, Endumeni Herd health

Sheep: 3

Estcourt, Estcourt Vet Clinic

Sheep: 3, Goat: 3

Howick, Howick Veterinary Clinic

Goat: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Sheep: 2, Goat: 2

Newcastle, Ncandovet Newcastle

Sheep: 3

Pietermaritzburg, Richmond Veterinay Clinic

Beef: 2, Sheep: 2, Goat: 2

Pongola, Pongola Animal Clinic

Sheep: 2, Goat: 2

Underberg, Underberg Veterinary Surgery

Sheep: 3

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Sheep: 1

Aliwal North, Uitspan C Troskie

Sheep: 3

Graaff-Reinet, Camdeboo Veterinary Clinic

Sheep: 3

Pearston, Aberdeen

Goat: 3

Pearston, Aberdeen

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 3

Perennial problem for farmers

Humansdorp, Humansdorp Veterinary Clinic

Sheep: 3

Uitenhage, Uitenhage Dierehospitaal

Sheep: 1

Western Cape

George, George Animal Hospital

Sheep: 3

Malmesbury, Bergzicht Dierehospitaal

Sheep: 2

Northern Cape

Kimberley, Kimberley Dierekliniek

Sheep: 3

Resistant Round Worms ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (6)	2.5 (2)		1.0 (1)	2.7 (7)	2.7 (3)	2.0 (3)	3.0 (1)	

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

Sheep	2.4 (5)	2.5 (2)		1.0 (1)	2.7 (7)	2.5 (2)	2.0 (1)	3.0 (1)	
Goat	2.0 (1)					3.0 (1)	2.0 (2)		

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 1

Middelburg , Middelburg Dierehospitaal

Sheep: 3

Nelspruit, Nelspruit Animal Hospital

Sheep: 2, Goat: 2

Standerton, Econovet

Sheep: 3

Volksrust, Volksrust Dierehospitaal

Sheep: 3

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 3

North West

Rustenburg, Protea Dierekliniek

Sheep: 1

Free State

Bethlehem, Bethlehem Animal Hospital

Sheep: 3

Macrocyclic lactone and closantel resistance

Bloemfontein, Dr Stephan Wessels

Sheep: 3

Dewetsdorp, Platkop Dierekliniek

Sheep: 2

Harrismith, Harrismith Dierehospitaal

Sheep: 3

The use of ineffective worm remedies remains a problem. The farmers are still reluctant to do regular egg counts pre and post dosing

Ladybrand, Ladybrand Dierekliniek

Sheep: 3

Reitz, Riemland Dierekliniek

Sheep: 2

Villiers, Wilgepoort Dierekliniek

Sheep: 3

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Sheep: 2

Dundee, Endumeni Herd health

Sheep: 3
Howick, Howick Veterinary Clinic
Goat: 3
Eastern Cape
Graaff-Reinet, Camdeboo Veterinary Clinic
Goat: 1
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 2, Goat: 3
Western Cape
George, George Animal Hospital
Sheep: 3

Wireworm									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (4)			3.0 (6)	2.6 (9)	2.0 (2)		2.0 (1)	

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

Beef				3.0 (1)					
Sheep	1.3 (3)			3.0 (5)	2.6 (8)	2.0 (1)		2.0 (1)	
Goat	2.0 (1)				2.0 (1)	2.0 (1)			

Mpumalanga

Balfour, Balfour Dierekliniek
Sheep: 1
Bethal, Bethal Dierekliniek
Sheep: 1
Nelspruit, Nelspruit Animal Hospital
Sheep: 2, Goat: 2

North West

Brits, Brits Dierekliniek
Sheep: 3
Christiana, Christiana Dierehospitaal
Sheep: 3
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3
B,O red hartebeest
Sheep: 3
Schweizer-Reneke, NJ Heyns
Sheep: 3
Ventersdorp, Buffelsvlei Dierekliniek
Sheep: 3

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital
Sheep: 3

A few lambs (3 weeks old) died as owner did not treat his flock after heavy rains fell. A second farmer treated his sheep but re-infestation occurred after heavy rainfall

Bultfontein, Greylingrust Dierspreekkamer
Sheep: 2
Frankfort, Frankfort Dierekliniek
Sheep: 3

Hoopstad, Hoopstad Dierekliniek
Sheep: 3
Parys, Parys Dierehospitaal
Sheep: 2, Goat: 2
Reitz, Riemland Dierekliniek
Sheep: 3
Villiers, Wilgepoort Dierekliniek
Sheep: 3
Wesselsbron, Wesselsbron Dierekliniek
Sheep: 2
Kwazulu-Natal
Mtubatuba, Mtubatuba Animal Clinic
Sheep: 2, Goat: 2
Western Cape
Malmesbury, Bergzicht Dierehospitaal
Sheep: 2

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

Goat							3.0 (1)		
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Eastern Cape
Graaff-Reinet, Camdeboo Veterinary Clinic
Goat: 3
Weaned kids on lands

Tape Worms									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.9 (7)	3.0 (1)		2.5 (2)	1.9 (7)	1.0 (2)	1.0 (1)		
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

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

Mpumalanga
Balfour, Balfour Dierekliniek
Sheep: 1
Nelspruit, Nelspruit Animal Hospital
Sheep: 1
Only seen in lambs before weaning
Goat: 1

Only seen in lambs before weaning
Standerton, Econovet
Beef: 3, Sheep: 3
Volksrust, Volksrust Dierehospitaal
Beef: 2, Sheep: 2
Gauteng
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 3
North West
Leeudoringstad, Leeudoringstad Dierekliniek
Sheep: 2
Tapeworms in lambs
Ventersdorp, Buffelsvlei Dierekliniek
Sheep: 3
Free State
Frankfort, Frankfort Dierekliniek
Sheep: 2
Hoopstad, Hoopstad Dierekliniek
Sheep: 3
Memel, Memel Veterinary Clinic
Beef: 1, Sheep: 1
Reitz, Riemland Dierekliniek
Dairy: 2, Sheep: 2
Villiers, Wilgepoort Dierekliniek
Sheep: 2
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Sheep: 1
Mtubatuba, Mtubatuba Animal Clinic
Sheep: 1
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 1

Liver fluke									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)	2.5 (2)			2.0 (4)	2.2 (5)		1.0 (1)	

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

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

Mpumalanga
Standerton, Econovet
Beef: 2, Sheep: 2
Volksrust, Volksrust Dierehospitaal
Beef: 1
Gauteng

Bapsfontein, Bapsfontein Dierehospitaal
Beef: 3
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 2
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Sheep: 3
Sheep that were brought in from the Eastern Free State
Reitz, Riemland Dierekliniek
Sheep: 2
Vrede, Saulshoek Dierepraktyk
Sheep: 1
Kwazulu-Natal
Howick, Howick Veterinary Clinic
Beef: 3
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 2, Dairy: 2, Sheep: 2, Goat: 2
Western Cape
Malmesbury, Bergzicht Dierehospitaal
Sheep: 1

Conical Flukes										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.5 (4)	2.2 (5)	1.0 (2)		

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

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

Free State
Hoopstad, Hoopstad Dierekliniek
Beef: 2, Sheep: 2
Villiers, Wilgepoort Dierekliniek
Beef: 1
Wesselsbron, Wesselsbron Dierekliniek
Sheep: 1
Kwazulu-Natal
Howick, Howick Veterinary Clinic
Beef: 3
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 2, Dairy: 2, Sheep: 2, Goat: 2
Eastern Cape
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Beef: 1
Humansdorp, Humansdorp Veterinary Clinic
Beef: 1

Parafilaria ^

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

Beef						2.0 (1)				
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Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic
Beef: 2

Cysticercosis ^

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

Beef	3.0 (1)	2.0 (1)							
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Mpumalanga

Nelspruit, Nelspruit Animal Hospital
Beef: 3

The problem is commonly seen at the local abattoir. All cattle originate from feedlots on the Mpumalanga Highveld. Always the same feedlots with the problem: can one assume that biosecurity and sanitation is not up to standard in these specific feedlots?

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2

Eye worm (Thelazia rhodesii) ^

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

Beef									1.0 (1)
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Northern Cape

Kathu, Kathu Dierekliniek
Beef: 1

Thelazia rhodesii: Cow with ophthalmia due to adult worms found in conjunctival sacs

External Parasites

Blue ticks ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.5 (8)	2.7 (6)	2.7 (3)	2.0 (1)	2.4 (23)	2.6 (11)	2.4 (5)	2.3 (3)	

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

Beef	2.4 (7)	2.5 (2)	2.7 (3)	2.0 (1)	2.6 (14)	2.7 (9)	2.5 (4)	2.5 (2)	
Dairy		3.0 (1)			2.3 (4)	2.5 (2)			
Sheep	3.0 (1)	2.5 (2)			2.0 (3)		2.0 (1)	2.0 (1)	
Goat		3.0 (1)			2.0 (2)				

Mpumalanga

Balfour, Balfour Dierekliniek									
Beef: 1									
Ermelo, Joubertstraat Dierekliniek									
Sheep: 3									
Ermelo, Moregloed Veterinere Spreekkamer									
Beef: 3									
Middelburg , Middelburg Dierehospitaal									
Beef: 3									
Nelspruit, Nelspruit Animal Hospital									
Beef: 2									
Piet Retief, Pets Vet Hospital									
Beef: 2									
Standerton, Econovet									
Beef: 3									
Volksrust, Volksrust Dierehospitaal									
Beef: 3									

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 3, Sheep: 3, Goat: 3									
Pretoria, Anima Veterinary Consulting Rooms									
Beef: 2, Sheep: 2									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Dairy: 3									

Limpopo

Machado, Blouberg Dierekliniek									
Beef: 3									
Mokopane, Henk Visser									
Beef: 2									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 3									

North West

Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 2									

Free State

Bethlehem, Bethlehem Animal Hospital									
Beef: 3									

Clocolan, Clocolan Dierekliniek
Beef: 3
Frankfort, Frankfort Dierekliniek
Beef: 3, Dairy: 3
Harrismith, Harrismith Dierehospitaal
Beef: 3
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 2, Sheep: 2
Memel, Memel Veterinary Clinic
Beef: 3
Parys, Parys Dierehospitaal
Beef: 2, Dairy: 2, Sheep: 1, Goat: 1
Reitz, Riemland Dierekliniek
Beef: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 3
Villiers, Wilgepoort Dierekliniek
Beef: 2, Dairy: 1
Vrede, Saulshoek Dierepraktyk
Beef: 3
Wesselsbron, Wesselsbron Dierekliniek
Beef: 2
Zastron, Zastron Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 1
Dundee, Endumeni Herd health
Beef: 3
Estcourt, Estcourt Vet Clinic
Beef: 3, Dairy: 3
Howick, Howick Veterinary Clinic
Beef: 3
Ingogo, Gen XY Stud Beef Consultancy
Beef: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 3, Dairy: 2
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3
Underberg, Underberg Veterinary Surgery
Beef: 3
Underberg, Waterford Farm, Underberg
Beef: 2
Eastern Cape
Aliwal North, Uitspan C Troskie
Beef: 2, Sheep: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Beef: 2
Humansdorp, Humansdorp Veterinary Clinic
Beef: 3
Uitenhage, Uitenhage Dierehospitaal
Beef: 3

Western Cape									
George, George Animal Hospital									
Beef: 3									
Oudtshoorn, Oudtshoorn Dierekliniek									
Beef: 2, Sheep: 2									

Resistant blue Ticks									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)		2.0 (1)		1.0 (1)	2.3 (3)	1.0 (1)		

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

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

Mpumalanga									
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Nelspruit, Nelspruit Animal Hospital									
Beef: 2									
Piet Retief, Pets Vet Hospital									
Beef: 1									
Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 2									
Free State									
Villiers, Wilgepoort Dierekliniek									
Beef: 1									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 3									
Estcourt, Estcourt Vet Clinic									
Beef: 2, Dairy: 2									
Eastern Cape									
Uitenhage, Uitenhage Dierehospitaal									
Beef: 1									

Heartwater (Bont) ticks									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)	3.0 (3)	2.6 (5)			2.5 (11)	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

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

Mpumalanga									
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Nelspruit, Nelspruit Animal Hospital									
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Beef: 3
Gauteng
Pretoria, Anima Veterinary Consulting Rooms
Beef: 3, Sheep: 3
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Dairy: 3
Limpopo
Bela-Bela, Warmbad Dierekliniek
Beef: 3
Machado, Blouberg Dierekliniek
Beef: 3
Mokopane, Henk Visser
Beef: 2
Polokwane, Pietersburg Veterinary Clinic
Beef: 2
Vaalwater, Vaalwater Dieresprekkamer
Beef: 3
Kwazulu-Natal
Dundee, Endumeni Herd health
Beef: 3
Estcourt, Estcourt Vet Clinic
Beef: 2, Dairy: 2, Goat: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 3, Sheep: 2, Goat: 3
Pietermaritzburg, Richmond Veterinary Clinic
Beef: 2
Pongola, Pongola Animal Clinic
Beef: 3, Sheep: 3, Goat: 3
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Beef: 3
Uitenhage, Uitenhage Dierehospitaal
Beef: 1
Northern Cape
Kathu, Kathu Dierekliniek
Beef: 1

During a caesarian section on a Brown Swiss stud cow a heartwater tick was found. I showed the tick to the owner and the caretaker. Owner took cows to a show where cows from heartwater area was also present.

Brown ear-ticks									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)		2.7 (3)	3.0 (2)	1.4 (5)	2.6 (10)	1.0 (1)		

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

Beef	1.7 (3)		2.7 (3)	3.0 (2)	1.3 (3)	2.4 (7)	1.0 (1)		
Dairy					1.0 (1)	3.0 (1)			
Sheep					2.0 (1)	3.0 (1)			
Goat						3.0 (1)			

Mpumalanga

Balfour, Balfour Dierekliniek
Beef: 1
Standerton, Econovet
Beef: 2
Volksrust, Volksrust Dierehospitaal
Beef: 2
Limpopo
Bela-Bela, Warmbad Dierekliniek
Beef: 2
Machado, Blouberg Dierekliniek
Beef: 3
Vaalwater, Vaalwater Dieresprekkamer
Beef: 3
Ears with blood oozing from them due to heavy brown ear-tick infestation
North West
Brits, Brits Dierekliniek
Beef: 3
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3
Free State
Parys, Parys Dierehospitaal
Beef: 2, Dairy: 1
Villiers, Wilgepoort Dierekliniek
Beef: 1
Vrede, Saulshoek Dierepraktyk
Beef: 1, Sheep: 2
No preventative treatment given
Kwazulu-Natal
Camperdown, Camperdown Vet Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 3
Dundee, Mpati Veterinary Clinic
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3
Estcourt, Estcourt Vet Clinic
Beef: 1
Mtubatuba, Mtubatuba Animal Clinic
Beef: 3
Pongola, Pongola Animal Clinic
Beef: 2
Underberg, Underberg Veterinary Surgery
Beef: 3
Eastern Cape
Uitenhage, Uitenhage Dierehospitaal
Beef: 1

Bont-legged ticks									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)	3.0 (3)	2.5 (2)	1.8 (5)	2.3 (17)	2.3 (3)	3.0 (1)		

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

Beef	2.0 (1)	3.0 (1)	2.5 (2)	2.3 (3)	2.3 (10)	2.5 (2)	3.0 (1)
Dairy		3.0 (1)		1.0 (1)	2.0 (4)		
Sheep	1.0 (1)	3.0 (1)		1.0 (1)	2.5 (2)		
Goat					3.0 (1)	2.0 (1)	

Mpumalanga

Balfour, Balfour Dierekliniek

Sheep: 1

Volksrust, Volksrust Dierehospitaal

Beef: 2

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Beef: 3, Sheep: 3

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Dairy: 3

Limpopo

Bela-Bela, Warmbad Dierekliniek

Beef: 3

Polokwane, Pietersburg Veterinary Clinic

Beef: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 1, Dairy: 1, Sheep: 1

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Schweizer-Reneke, NJ Heyns

Beef: 3

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 2

Ticks present in the drier areas

Bultfontein, Greylingrust Diersprekkamer

Beef: 2, Dairy: 1

Frankfort, Frankfort Dierekliniek

Beef: 3, Dairy: 3

Hoopstad, Hoopstad Dierekliniek

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

Kroonstad, Kroonstad Dierehospitaal

Beef: 3

Memel, Memel Veterinary Clinic

Beef: 3

Parys, Parys Dierehospitaal

Beef: 2, Dairy: 1

Villiers, Wilgepoort Dierekliniek

Beef: 2

Vrede, Saulshoek Dierepraktyk

Beef: 1

Wesselsbron, Wesselsbron Dierekliniek

Beef: 2, Sheep: 2

Kwazulu-Natal

Dundee, Endumeni Herd health
Beef: 3
Pongola, Pongola Animal Clinic
Beef: 2, Goat: 2
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Beef: 3

Red-legged ticks									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)			3.0 (2)	2.4 (12)	3.0 (1)			

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

Beef	2.0 (1)			3.0 (1)	2.6 (7)	3.0 (1)			
Dairy				3.0 (1)	2.0 (2)				
Sheep					2.0 (2)				
Goat					3.0 (1)				

Mpumalanga
Volksrust, Volksrust Dierehospitaal
Beef: 2
North West
Christiana, Christiana Dierehospitaal
Beef: 3, Dairy: 3
Free State
Bultfontein, Greylingrust Dieresprekkamer
Beef: 3, Dairy: 1
Clocolan, Clocolan Dierekliniek
Beef: 3
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 2
Memel, Memel Veterinary Clinic
Beef: 3
Villiers, Wilgepoort Dierekliniek
Beef: 2
Vrede, Saulshoek Dierepraktyk
Beef: 2, Sheep: 1
Kwazulu-Natal
Underberg, Underberg Veterinary Surgery
Beef: 3

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

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

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

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Beef: 2

Free State

Reitz, Riemland Dierekliniek

Sheep: 1

Villiers, Wilgepoort Dierekliniek

Sheep: 1

Northern Cape

Kimberley, Kimberley Dierekliniek

Beef: 3

Tampans (*Ornithodoros savyngyi*)

Biting lice (red lice)

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

Sheep	3.0 (1)				1.0 (2)				
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Mpumalanga

Standerton, Econovet

Sheep: 3

Free State

Reitz, Riemland Dierekliniek

Sheep: 1

Villiers, Wilgepoort Dierekliniek

Sheep: 1

Sucking lice (blue lice)

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

Beef					1.0 (1)				
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Free State

Memel, Memel Veterinary Clinic

Beef: 1

Scab mites ^

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

Sheep					1.0 (2)	1.0 (1)			
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Free State

Harrismith, Harrismith Dierehospitaal

Sheep: 1

Villiers, Wilgepoort Dierekliniek

Sheep: 1

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Sheep: 1

Mange Mites ^

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

Beef	2.0 (1)				1.0 (1)				
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Mpumalanga

Delmas, Delmas

Beef: 2

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 1

Nuisance Flies ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	2.7 (3)				2.6 (15)	2.7 (7)	2.0 (1)	2.0 (1)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

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

Mpumalanga									
Balfour, Balfour Dierekliniek									
Dairy: 2									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3									
Volksrust, Volksrust Dierehospitaal									
Beef: 3									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Dairy: 2									
Bultfontein, Greylingrust Dieresprekkamer									
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3									
Reitz, Riemland Dierekliniek									
Beef: 3, Dairy: 2									
Villiers, Wilgepoort Dierekliniek									
Beef: 2, Dairy: 2, Sheep: 2, Goat: 2									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 3									
Howick, Howick Veterinary Clinic									
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2, Goat: 2									
Eastern Cape									
Aliwal North, Uitspan C Troskie									
Sheep: 2									
Western Cape									
Oudtshoorn, Oudtshoorn Dierekliniek									
Sheep: 2									
Blowflies									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (2)				2.3 (3)	1.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	3.0 (2)								
Sheep					2.3 (3)	1.0 (1)			
Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3									
Volksrust, Volksrust Dierehospitaal									
Beef: 3									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 3									
Villiers, Wilgepoort Dierekliniek									
Sheep: 3									

Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 1									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Sheep: 1									
Screw-worm									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)			2.0 (2)	2.0 (1)	2.0 (3)	2.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	3.0 (1)			2.0 (2)		2.0 (2)	2.0 (1)		
Sheep					2.0 (1)				
Goat						2.0 (1)			
Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3									
North West									
Brits, Brits Dierekliniek									
Beef: 2									
Rustenburg, Protea Dierekliniek									
Beef: 2									
Free State									
Reitz, Riemland Dierekliniek									
Sheep: 2									
Kwazulu-Natal									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2, Goat: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Nasal bot larvae									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	3.0 (1)		2.0 (1)	2.0 (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	1.0 (1)	3.0 (1)		2.0 (1)	2.0 (4)				
Mpumalanga									
Balfour, Balfour Dierekliniek									
Sheep: 1									
Gauteng									

Pretoria, Anima Veterinary Consulting Rooms
Sheep: 3
North West
Leeudoringstad, Leeudoringstad Dierekliniek
Sheep: 2
Free State
Bloemfontein, Dr Stephan Wessels
Sheep: 3
Bultfontein, Greylingrust Dierspreekkamer
Sheep: 1
Hoopstad, Hoopstad Dierekliniek
Sheep: 3
Parys, Parys Dierehospitaal
Sheep: 1

Midges									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.7 (11)	3.0 (4)		2.0 (3)	2.5 (23)	2.8 (4)		3.0 (1)	

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

Beef	2.6 (5)	3.0 (1)		2.0 (1)	2.6 (7)	3.0 (1)		3.0 (1)	
Dairy	2.5 (2)	3.0 (1)		2.0 (1)	2.5 (6)				
Sheep	3.0 (3)	3.0 (1)		2.0 (1)	2.4 (8)	2.7 (3)			
Goat	3.0 (1)	3.0 (1)			2.5 (2)				

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 2, Dairy: 2
Delmas, Delmas
Beef: 2
Nelspruit, Nelspruit Animal Hospital
Beef: 3, Sheep: 3, Goat: 3
Standerton, Econovet
Beef: 3, Dairy: 3, Sheep: 3
Volkswest, Volkswest Dierehospitaal
Beef: 3, Sheep: 3
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3
North West
Rustenburg, Protea Dierekliniek
Beef: 2, Dairy: 2, Sheep: 2
Free State
Bultfontein, Greylingrust Dierspreekkamer
Beef: 1, Dairy: 1, Sheep: 1
Clocolan, Clocolan Dierekliniek
Beef: 3, Dairy: 3, Sheep: 3
Dewetsdorp, Platkop Dierekliniek
Sheep: 2

Hoopstad, Hoopstad Dierekliniek
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 3, Sheep: 3
Memel, Memel Veterinary Clinic
Beef: 3, Dairy: 3, Sheep: 3
Villiers, Wilgepoort Dierekliniek
Beef: 2, Dairy: 2, Sheep: 2, Goat: 2
Vrede, Saulshoek Dierepraktik
Beef: 3
Wesselsbron, Wesselsbron Dierekliniek
Sheep: 2

Kwazulu-Natal
Bergville, Tugela Vet Clinic
Sheep: 2
Dundee, Endumeni Herd health
Beef: 3, Sheep: 3
Howick, Howick Veterinary Clinic
Sheep: 3

Western Cape
Darling, Darling Dierekliniek
Beef: 3

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

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

Beef									3.0 (1)
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Northern Cape
Kimberley, Kimberley Dierekliniek
Beef: 3
Lameness in cattle, buffalo and sable due to toxin of sand tampan <i>Ornithodoros savyngyi</i>

Tick-borne Diseases

African red water	^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)	2.0 (1)	3.0 (1)	2.0 (1)	2.5 (6)	2.5 (11)	1.8 (4)	2.5 (2)	

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

Beef	3.0 (1)	2.0 (1)	3.0 (1)	2.0 (1)	2.5 (6)	2.5 (8)	1.7 (3)	2.5 (2)	
Dairy						2.3 (3)	2.0 (1)		

Mpumalanga

Delmas, Delmas

Beef: 3

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

Beef: 2

Limpopo**Machado, Blouberg Dierekliniek**

Beef: 3

North West**Brits, Brits Dierekliniek**

Beef: 2

Free State**Frankfort, Frankfort Dierekliniek**

Beef: 3

Harrismith, Harrismith Dierehospitaal

Beef: 3

Rainfall in February was lower than normal, certain farms received less than 20mm. The farmers were in most instances able to do tick control. In March we had 2 weeks of cloudy weather, with soft continuous rain, which led to an explosion of blue ticks. Most farmers were busy with the cash crops and no proper tick control took place. Many cases of tick borne disease outbreaks were diagnosed

Memel, Memel Veterinary Clinic

Beef: 1

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2

Villiers, Wilgepoort Dierekliniek

Beef: 3

Vrede, Saulshoek Dierpraktijk

Beef: 3

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

Beef: 3

Estcourt, Estcourt Vet Clinic

Beef: 3, Dairy: 3

Howick, Howick Veterinary Clinic

Beef: 3

Ingogo, Gen XY Stud Beef Consultancy

Beef: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Dairy: 1

Newcastle, Ncandovet Newcastle

Beef: 2

Pietermaritzburg, Richmond Veterinay Clinic

Beef: 3

Incessant

Dairy: 3

Underberg, Underberg Veterinary Surgery

Beef: 2

Eastern Cape**Alexandria, Alexandria Platteland Spreekkamer**

Beef: 2, Dairy: 2

Humansdorp, Humansdorp Veterinary Clinic

Beef: 2

Uitenhage, Uitenhage Dierehospitaal

Beef: 1

Western Cape									
George, George Animal Hospital									
Beef: 3									
Peak season, some herds severely affected									
Oudtshoorn, Oudtshoorn Dierekliniek									
Beef: 2									
Carrier hosts being moved into the area from coast, exposing local susceptible animals to disease.									
Asiatic red water									^ -
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.1 (8)	2.0 (2)	2.0 (2)		2.1 (7)	2.6 (8)	1.3 (3)	2.5 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.1 (8)	2.0 (2)	2.0 (2)		2.1 (7)	2.7 (6)	1.3 (3)	3.0 (1)	
Dairy						2.5 (2)		2.0 (1)	
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 2									
Bethal, Bethal Dierekliniek									
Beef: 1									
Lydenburg, Lydenburg Dieresprekkamer									
Beef: 2									
2 Farms and 4 deaths									
Middelburg , Middelburg Dierehospitaal									
Beef: 3									
The worst outbreak of Asiatic red water in non-vaccinated cattle that have been seen in the area									
Nelspruit, Nelspruit Animal Hospital									
Beef: 2									
Piet Retief, Pets Vet Hospital									
Beef: 1									
Standerton, Econovet									
Beef: 3									
Volkswrust, Volkswrust Dierehospitaal									
Beef: 3									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 2									
Limpopo									
Mokopane, Henk Visser									
Beef: 3									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 1									
Free State									
Frankfort, Frankfort Dierekliniek									
Beef: 3									
Harrismith, Harrismith Dierehospitaal									
Beef: 3									

Memel, Memel Veterinary Clinic
Beef: 3
Parys, Parys Dierehospitaal
Beef: 1
Sporadic outbreaks of Asiatic red water in young calves
Reitz, Riemland Dierekliniek
Beef: 1
Villiers, Wilgepoort Dierekliniek
Beef: 3
Vrede, Saulshoek Dierpraktik
Beef: 1
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 3
Mortalities seen only in cases with Asiatic redwater
Estcourt, Estcourt Vet Clinic
Beef: 3, Dairy: 3
Greytown, Greytown Veterinary Hospital
Beef: 3
13 acute deaths. At present dipping cattle weekly with an organophosphate acaricide to control blue ticks
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 2, Dairy: 2
Underberg, Underberg Veterinary Surgery
Beef: 3
Expected late summer surge of Asiatic red water
Eastern Cape
Aliwal North, Uitspan C Troskie
Beef: 1
Stutterheim, Stutterheim Veterinary Clinic
Beef: 2
Uitenhage, Uitenhage Dierehospitaal
Beef: 1
Western Cape
George, George Animal Hospital
Beef: 3
Peak season, some herds severely affected
Stellenbosch, Stellenbosch Animal Hospital
Dairy: 2

Anaplasmosis									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (3)	1.5 (2)		1.5 (2)	2.1 (15)	2.4 (9)	1.8 (4)	2.1 (7)	2.0 (1)

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

Beef	2.0 (3)	1.5 (2)		1.5 (2)	2.3 (12)	2.5 (6)	1.7 (3)	2.7 (3)	2.0 (1)
Dairy					1.7 (3)	2.3 (3)	2.0 (1)	1.8 (4)	

Mpumalanga	
Balfour, Balfour Dierekliniek	Beef: 1
Delmas, Delmas	Beef: 2
Volksrust, Volksrust Dierehospitaal	Beef: 3
Gauteng	
Pretoria, Anima Veterinary Consulting Rooms	Beef: 1
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic	Beef: 2
North West	
Christiana, Christiana Dierehospitaal	Beef: 1
Leeudoringstad, Leeudoringstad Dierekliniek	Beef: 2
Free State	
Bethlehem, Bethlehem Animal Hospital	Beef: 1
Bothaville, Cape Cross Bothaville Veterinary Hospital	Dairy: 1
Bultfontein, Greylingrust Dierspreekkamer	Beef: 3, Dairy: 1
Clocolan, Clocolan Dierekliniek	Beef: 3
Frankfort, Frankfort Dierekliniek	Beef: 2
Harrismith, Harrismith Dierehospitaal	Beef: 3
Hoopstad, Hoopstad Dierekliniek	Beef: 3, Dairy: 3
Kroonstad, Kroonstad Dierehospitaal	Beef: 3
Parys, Parys Dierehospitaal	Beef: 2
Reitz, Riemland Dierekliniek	Beef: 2
Villiers, Wilgepoort Dierekliniek	Beef: 2
Vrede, Saulshoek Dierpraktijk	Beef: 1
Wesselsbron, Wesselsbron Dierekliniek	Beef: 2
Kwazulu-Natal	
Bergville, Tugela Vet Clinic	Beef: 2
Dundee, Endumeni Herd health	Beef: 3
Estcourt, Estcourt Vet Clinic	Beef: 3, Dairy: 3
Ingogo, Gen XY Stud Beef Consultancy	Beef: 2

Mtubatuba, Mtubatuba Animal Clinic									
Dairy: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Incessant									
Dairy: 2									
Underberg, Underberg Veterinary Surgery									
Beef: 3									
Earlier than usual spike									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2, Dairy: 2									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Beef: 2									
Uitenhage, Uitenhage Dierehospitaal									
Beef: 1									
Western Cape									
Darling, Darling Dierekliniek									
Beef: 3									
George, George Animal Hospital									
Beef: 3									
Peak season, some herds severely affected									
Malmesbury, Bergzicht Dierehospitaal									
Dairy: 1									
Malmesbury, Dr Otto Kriek									
Dairy: 2									
Plettenberg Bay, Plettenbergbaai A Reitz									
Beef: 2									
3 beef cattle survived with treatment on 3 different farms									
Dairy: 2									
2 dairy animals died at different times on a farm									
Stellenbosch, Stellenbosch Animal Hospital									
Dairy: 2									
Northern Cape									
Kimberley, Kimberley Dierekliniek									
Beef: 2									
Heartwater									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (4)	3.0 (2)	1.3 (3)	2.0 (3)	1.0 (2)	2.3 (11)	1.5 (6)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.0 (3)		1.3 (3)	2.0 (3)	1.0 (2)	2.4 (5)	1.5 (2)		
Dairy						2.0 (1)	2.0 (1)		
Sheep	1.0 (1)	3.0 (2)				2.0 (2)	1.5 (2)		
Goat						2.3 (3)	1.0 (1)		
Mpumalanga									
Lydenburg, Lydenburg Dieresprekkamer									
Beef: 2									

Two heartwater cases on a farm, one animal died

Middelburg , Middelburg Dierehospitaal

Sheep: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Animals bought at an auction in Belfast. These animals had no resistance against heartwater.

Piet Retief, Pets Vet Hospital

Beef: 2

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 3

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 3

Limpopo

Mokopane, Henk Visser

Beef: 2

Polokwane, Pietersburg Veterinary Clinic

Beef: 1

Vaalwater, Vaalwater Dieresprekkamer

Beef: 1

Cow introduced from Highveld

North West

Brits, Brits Dierekliniek

Beef: 3

Rustenburg, Protea Dierekliniek

Beef: 2

More cases after good rains

Schweizer-Reneke, NJ Heyns

Beef: 1

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 1

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 1

Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 3

Estcourt, Estcourt Vet Clinic

Beef: 2, Goat: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 3, Goat: 3

Pietermaritzburg, Richmond Veterinay Clinic

Beef: 2

Incessant

Dairy: 2, Sheep: 2

Pongola, Pongola Animal Clinic

Beef: 2, Sheep: 2, Goat: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2, Dairy: 2, Sheep: 2

Humansdorp, Humansdorp Veterinary Clinic

Goat: 1

Stutterheim, Stutterheim Veterinary Clinic

Sheep: 1

Confirmed PM, flock of young sheep

Uitenhage, Uitenhage Dierehospitaal

Beef: 1

Sweating Sickness

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

Beef		2.0 (1)		3.0 (2)	2.3 (3)	2.0 (1)			
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Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Beef: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 3

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Kwazulu-Natal

Pongola, Pongola Animal Clinic

Beef: 2

Corridor disease

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

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

Beef						3.0 (1)			
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Kwazulu-Natal

Pongola, Pongola Animal Clinic

Beef: 3

Big problem!! Veterinary authorities must assist otherwise there will be 'war' between Buffalo Ranchers and Cattle farmers (esp. Subsistence and emerging farmers).

Insect Transmittable Diseases

Lumpy skin disease

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.6 (14)		3.0 (1)	2.0 (1)	2.1 (14)	2.0 (7)	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

Beef	2.7 (7)		3.0 (1)	2.0 (1)	2.0 (9)	2.0 (5)	2.0 (2)		
Dairy	2.4 (7)				2.4 (5)	2.0 (2)	3.0 (1)	2.0 (2)	

Mpumalanga

Balfour, Balfour Dierekliniek

Dairy: 1

Bethal, Bethal Dierekliniek

Beef: 2, Dairy: 2

Delmas, Delmas

Beef: 2, Dairy: 2

Ermelo, Joubertstraat Dierekliniek

Beef: 3, Dairy: 3

Ermelo, Moregloed Veterinere Spreekkamer

Beef: 3, Dairy: 3

Piet Retief, Pets Vet Hospital

Beef: 3

Many outbreaks

Dairy: 3

Standerton, Econovet

Beef: 3, Dairy: 3

Volksrust, Volksrust Dierehospitaal

Beef: 3

Limpopo

Machado, Blouberg Dierekliniek

Beef: 3

Especially in rural areas (Toyando)

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 2

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 2

Clocolan, Clocolan Dierekliniek

Beef: 2, Dairy: 2

Frankfort, Frankfort Dierekliniek

Beef: 3, Dairy: 3

Harrismith, Harrismith Dierehospitaal

Beef: 3

Many cases throughout the district. Single outbreaks were seen in herds that were vaccinated once as late as 3 weeks ago. Many deaths occurred in herds despite intensive treatment

Dairy: 3

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Dairy: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 1, Dairy: 1

Memel, Memel Veterinary Clinic									
Beef: 1									
Reitz, Riemland Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek									
Beef: 1									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Beef: 1									
Dundee, Endumeni Herd health									
Beef: 3									
Estcourt, Estcourt Vet Clinic									
Beef: 2, Dairy: 2									
Pietermaritzburg, Richmond Veterinary Clinic									
Beef: 2									
Pongola, Pongola Animal Clinic									
Beef: 2									
Government has vaccinated community cattle gratis!!									
Dairy: 2									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 3, Dairy: 3									
Humansdorp, Humansdorp Veterinary Clinic									
Beef: 1									
Western Cape									
Oudtshoorn, Oudtshoorn Dierekliniek									
Dairy: 1									
1 confirmed case in a Holstein dairy, animals graze along the Grobbelaars river, high midge population.									
Stellenbosch, Stellenbosch Animal Hospital									
Dairy: 3									
Small scale farmers									
Three-day-stiffsickness									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.8 (16)	3.0 (2)	3.0 (4)	2.4 (5)	2.4 (23)	2.2 (16)	2.0 (2)	1.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.8 (10)	3.0 (2)	3.0 (4)	2.4 (5)	2.4 (17)	2.3 (12)	2.0 (1)	1.0 (1)	
Dairy	2.7 (6)				2.7 (6)	2.0 (4)	2.0 (1)	1.0 (1)	
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 3, Dairy: 2									
Bethal, Bethal Dierekliniek									
Beef: 2									
Delmas, Delmas									
Beef: 3, Dairy: 2									
Ermelo, Joubertstraat Dierekliniek									

Beef: 3, Dairy: 3

Ermelo, Moregloed Veterinere Spreekkamer

Beef: 3, Dairy: 3

Middelburg , Middelburg Dierehospitaal

Beef: 3

The worst cases of this disease is now seen. As the name depicts this is a 3 day disease. but now mortalities occur. Certain inflammatory drugs help. No vaccine was available from OBP to vaccinate animals .

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Piet Retief, Pets Vet Hospital

Beef: 3

Many cases

Dairy: 3

Standerton, Econovet

Beef: 3, Dairy: 3

Volksrust, Volksrust Dierehospitaal

Beef: 3

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 3

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 3

Some severe cases

Limpopo

Bela-Bela, Warmbad Dierekliniek

Beef: 3

Machado, Blouberg Dierekliniek

Beef: 3

Mokopane, Henk Visser

Beef: 3

Polokwane, Pietersburg Veterinary Clinic

Beef: 3

Bulls and heavy pregnant cows

North West

Brits, Brits Dierekliniek

Beef: 3

Christiana, Christiana Dierehospitaal

Beef: 1

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Rustenburg, Protea Dierekliniek

Beef: 3

Many cases

Schweizer-Reneke, NJ Heyns

Beef: 2

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 3

Bloemfontein, Dr Stephan Wessels

Beef: 2

Dewetsdorp Area

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1

Bultfontein, Greylingrust Dieresprekkamer

Beef: 1
Clocolan, Clocolan Dierekliniek
Beef: 3, Dairy: 3
Frankfort, Frankfort Dierekliniek
Beef: 3, Dairy: 3
Harrismith, Harrismith Dierehospitaal
Beef: 2, Dairy: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Dairy: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 3
Ladybrand, Ladybrand Dierekliniek
Beef: 1
Memel, Memel Veterinary Clinic
Beef: 3
Parys, Parys Dierehospitaal
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 3, Dairy: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 2
Villiers, Wilgepoort Dierekliniek
Beef: 3
Vrede, Saulshoek Dierepraktyk
Beef: 2
Animals were not vaccinated
Wesselsbron, Wesselsbron Dierekliniek
Beef: 3
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 1
Camperdown, Camperdown Vet Clinic
Beef: 1
Dundee, Endumeni Herd health
Beef: 3
Most cases are mild. No mortalities
Dundee, Mpati Veterinary Clinic
Beef: 3
Widespread cases – no vaccine was available
Estcourt, Estcourt Vet Clinic
Beef: 1, Dairy: 1
Greytown, Greytown Veterinary Hospital
Beef: 2
Five cases seen in last 3 weeks, animals usually with swollen joints, no downers
Howick, Howick Veterinary Clinic
Beef: 3, Dairy: 3
Ingogo, Gen XY Stud Beef Consultancy
Beef: 3
Newcastle, Ncandovet Newcastle
Beef: 3
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3
Arrived late . Only two farms affected
Pongola, Pongola Animal Clinic

Beef: 3, Dairy: 3

Underberg, Underberg Veterinary Surgery

Beef: 1, Dairy: 1

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2, Dairy: 2

Western Cape

George, George Animal Hospital

Beef: 1

Oudtshoorn, Oudtshoorn Dierekliniëk

Dairy: 1

Suspected cases of 'lung form', acute respiratory disease, emphysema, foam in trachea and death.

Bluetongue									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (8)	3.0 (2)	3.0 (1)	2.2 (5)	2.6 (17)	2.5 (4)	1.7 (3)	2.3 (3)	2.7 (3)

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

Sheep	2.1 (7)	3.0 (2)	3.0 (1)	2.2 (5)	2.6 (17)	2.5 (4)	1.7 (3)	2.3 (3)	2.7 (3)
Goat	1.0 (1)								

Mpumalanga

Balfour, Balfour Dierekliniëk

Sheep: 3

Bethal, Bethal Dierekliniëk

Sheep: 1, Goat: 1

Ermelo, Moregloed Veterinere Spreekkamer

Sheep: 1

Middelburg, Middelburg Dierehospitaal

Sheep: 3

Nelspruit, Nelspruit Animal Hospital

Sheep: 2

Especially seen in young animals after loss of colostral immunity and before vaccination

Standerton, Econovet

Sheep: 2

Volksrust, Volksrust Dierehospitaal

Sheep: 3

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 3

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 3

Lots but rare mortality

Limpopo

Machado, Blouberg Dierekliniëk

Sheep: 3

Especially adjacent to rivers

North West

Brits, Brits Dierekliniek
Sheep: 3
Christiana, Christiana Dierehospitaal
Sheep: 1
Leeudoringstad, Leeudoringstad Dierekliniek
Sheep: 3
In lambs and adult sheep
Schweizer-Reneke, NJ Heyns
Sheep: 2
Ventersdorp, Buffelsvlei Dierekliniek
Sheep: 2
Free State
Bloemfontein, Dr Stephan Wessels
Sheep: 3
Bothaville, Cape Cross Bothaville Veterinary Hospital
Sheep: 3
Outbreak of Bluetongue on 2 different farms, more than 20 affected on each farm. One farm did not vaccinate, the other farm did, but they are located close to a river.
Bultfontein, Greylingrust Diersprekkamer
Sheep: 2
Clocolan, Clocolan Dierekliniek
Sheep: 3
Dewetsdorp, Platkop Dierekliniek
Sheep: 3
Harrismith, Harrismith Dierehospitaal
Sheep: 3
Large variation of lesions. In some cases there were large lesions in the mouth but nothing on the feet, while in others the lesions were on the feet and not in the mouth. Other sheep had no lesions but on post mortem haemorrhages on the heart were visible. The vaccine from OBP was not available and the other alternative vaccine does not seem to be as effective as the OBP vaccine.
Hoopstad, Hoopstad Dierekliniek
Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Sheep: 3
Ladybrand, Ladybrand Dierekliniek
Sheep: 3
Disease was seen in more than one breed. Farmers struggled with this disease during the last 2 months. This is due to the wet conditions in the area. Some sheep were not vaccinated
Memel, Memel Veterinary Clinic
Sheep: 1
Parys, Parys Dierehospitaal
Sheep: 3
Drastic increase in the number of cases seen in the last 14 days.
Reitz, Riemland Dierekliniek
Sheep: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Sheep: 3
Especially in young sheep – they were vaccinated
Villiers, Wilgepoort Dierekliniek
Sheep: 3
Vrede, Saulshoek Dierepraktyk
Sheep: 2
Wesselsbron, Wesselsbron Dierekliniek
Sheep: 3

Zastron, Zastron Dierekliniek
Sheep: 2
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Sheep: 3
Causing lameness, abortions,
Dundee, Endumeni Herd health
Sheep: 3
Dundee, Mpati Veterinary Clinic
Sheep: 2
Sporadic cases where they were not vaccinated, otherwise a few mild cases in vaccinated flocks
Underberg, Underberg Veterinary Surgery
Sheep: 2
Eastern Cape
Aliwal North, Uitspan C Troskie
Sheep: 2
Graaff-Reinet, Camdeboo Veterinary Clinic
Sheep: 1
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 2
Fewer cases seen and reported this month
Western Cape
George, George Animal Hospital
Sheep: 2
Bluetongue even occurred in "vaccinated" flocks. Vaccination protocol not known
Malmesbury, Bergzicht Dierehospitaal
Sheep: 2
Vredenburg, Vredenburg Dierehospitaal
Sheep: 3
5 ewes died, BT does not normally occur in the area. Sheep not vaccinated
Northern Cape
Kathu, Kathu Dierekliniek
Sheep: 2
First cases of bluetongue on two farms. Owners neglected their vaccinations
Kimberley, Kimberley Dierekliniek
Sheep: 3
Mostly seen in un-vaccinated sheep. Interesting that there appears to be low insect numbers
Upington, Veeartsenykliniek Upington
Sheep: 3

Venereal Diseases

Trichomonosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (3)		3.0 (2)	2.0 (3)	2.1 (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									
Beef	2.0 (3)		3.0 (2)	2.0 (3)	2.2 (11)			1.0 (1)	

Mpumalanga**Middelburg , Middelburg Dierehospitaal**

Beef: 2

Piet Retief, Pets Vet Hospital

Beef: 3

Still a big problem

Volksrust, Volksrust Dierehospitaal

Beef: 1

Limpopo**Machado, Blouberg Dierekliniek**

Beef: 3

Polokwane, Pietersburg Veterinary Clinic

Beef: 3

North West**Rustenburg, Protea Dierekliniek**

Beef: 1

Schweizer-Reneke, NJ Heyns

Beef: 3

Ventersdorp, Buffelsvlei Dierekliniek

Beef: 2

3 out of 10 bulls tested were positive

Free State**Bethlehem, Bethlehem Animal Hospital**

Beef: 2

2 new herds

Bloemfontein, Dr Stephan Wessels

Beef: 2

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1

After breeding season sheath scrapes been done.

Clocolan, Clocolan Dierekliniek

Beef: 2

5 bulls tested positive

Frankfort, Frankfort Dierekliniek

Beef: 3

Harrismith, Harrismith Dierehospitaal

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Dairy: 1

Parys, Parys Dierehospitaal

Beef: 2

Farmers lending out bulls to neighbours and damaged fences.

Reitz, Riemland Dierekliniek

Beef: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Villiers, Wilgepoort Dierekliniek

Beef: 3

Western Cape**George, George Animal Hospital**

Beef: 1

Bull bought at an auction without a veterinary certificate. A huge price has to be paid

Vibriosis ^

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

Beef				2.0 (2)	1.7 (3)				
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North West

Schweizer-Reneke, NJ Heyns

Beef: 2

Ventersdorp, Buffelsvlei Dierekliniek

Beef: 2

3 out of 10 bulls tested were positive

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 1

Clocolan, Clocolan Dierekliniek

Beef: 2

4 Bulls tested positive

Parys, Parys Dierehospitaal

Beef: 2

Farmers lending out bulls to neighbours.

Bacterial Disease (other)

Anthrax ^

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

Dairy								2.0 (1)	
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Western Cape

Malmesbury, Dr Otto Kriek

Dairy: 2

Blackquarter ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average		2.0 (1)		2.0 (1)	1.4 (7)	2.0 (4)			
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Average	1.0 (1)	2.0 (2)	1.0 (1)	2.0 (1)	1.6 (8)	2.5 (2)	2.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

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

Mpumalanga									
Ermelo, Joubertstraat Dierekliniek									
Goat: 1									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2, Sheep: 2									
Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Sheep: 1									
North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 2									
Red gut in bulls (3 died)									
Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 1									
Dewetsdorp, Platkop Dierekliniek									
Sheep: 2									
Hoopstad, Hoopstad Dierekliniek									
Dairy: 1, Sheep: 2									
Parys, Parys Dierehospitaal									
Goat: 1									
Farmer used a non-registered vaccine.									
Villiers, Wilgepoort Dierekliniek									
Beef: 2, Sheep: 2									
Vrede, Saulshoek Dierpraktijk									
Sheep: 2									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Humansdorp, Humansdorp Veterinary Clinic									
Beef: 3									
Western Cape									
Darling, Darling Dierekliniek									
Beef: 2									

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

Sheep	2.0 (1)	1.0 (2)
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Mpumalanga

Piet Retief, Pets Vet Hospital

Sheep: 2

Free State

Hoopstad, Hoopstad Dierekliniek

Sheep: 1

Reitz, Riemland Dierekliniek

Sheep: 1

Botulism

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

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

Beef	1.0 (1)	1.0 (2)
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North West

Christiana, Christiana Dierehospitaal

Beef: 1

Free State

Bultfontein, Greylingsrust Dieresprekkamer

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Pulpy Kidney

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

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

Beef				3.0 (1)					
Sheep	2.5 (2)	2.0 (1)		3.0 (1)	1.9 (9)	2.0 (1)	2.0 (1)	2.0 (1)	

Mpumalanga

Piet Retief, Pets Vet Hospital

Sheep: 2

Standerton, Econovet

Sheep: 3

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 2

North West
Christiana, Christiana Dierehospitaal
Sheep: 3
Free State
Bultfontein, Greylingrust Dieresprekkamer
Sheep: 2
Clocolan, Clocolan Dierekliniek
Sheep: 2
Dewetsdorp, Platkop Dierekliniek
Sheep: 2
Frankfort, Frankfort Dierekliniek
Beef: 3
Harrismith, Harrismith Dierehospitaal
Sheep: 2
Hoopstad, Hoopstad Dierekliniek
Sheep: 3
Ladybrand, Ladybrand Dierekliniek
Sheep: 1
Memel, Memel Veterinary Clinic
Sheep: 1
Reitz, Riemland Dierekliniek
Sheep: 2
Villiers, Wilgepoort Dierekliniek
Sheep: 2
Kwazulu-Natal
Underberg, Underberg Veterinary Surgery
Sheep: 2
Eastern Cape
Graaff-Reinet, Camdeboo Veterinary Clinic
Sheep: 2
Jansenville, Graaff-Reinet
Western Cape
Oudtshoorn, Oudtshoorn Dierekliniek
Sheep: 2

Due to good recent rains, lots of lush green grazing available predisposing to this disease.

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

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

Mpumalanga
Nelspruit, Nelspruit Animal Hospital
Dairy: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Dairy: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 3

North West

Christiana, Christiana Dierehospitaal

Dairy: 1

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 1, Dairy: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 1

Estcourt, Estcourt Vet Clinic

Dairy: 1

Underberg, Underberg Veterinary Surgery

Beef: 1

Western Cape

Stellenbosch, Provincial Veterinary Laboratory

Dairy: 2

Malmesbury area; A Salmonella I was isolated from 2 calf carcasses one with signs of enteritis and one with an omphalophlebitis Caledon area: Salmonella I was isolated from an abdominal swab and the small intestine of a week old calf. Heidelberg area: Two milk samples yielded E. coli and a third milk sample yielded a coagulase negative Staphylococcus sp which was methicillin resistant.

Brucella abortus



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)		2.5 (2)	3.0 (1)	2.2 (10)				

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

Beef	1.0 (1)		2.5 (2)	3.0 (1)	2.1 (9)				
Dairy	2.0 (1)				3.0 (1)				

Mpumalanga

Bethal, Bethal Dierekliniek

Dairy: 2

Delmas, Delmas

Beef: 1

Limpopo

Machado, Blouberg Dierekliniek

Beef: 2

5 new herds

Polokwane, Pietersburg Veterinary Clinic

Beef: 3

North West

Schweizer-Reneke, NJ Heyns

Beef: 3

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 3

still old infected herds to be cleaned up

Bultfontein, Greylingrust Dieresprekkamer									
Beef: 1									
Frankfort, Frankfort Dierekliniek									
Beef: 3									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3, Dairy: 3									
Parys, Parys Dierehospitaal									
Beef: 2									
Fences between high- and lower risk farms not maintained.									
Reitz, Riemland Dierekliniek									
Beef: 1									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 2									
Still a big problem especially in new herds that were bled for the first time									
Villiers, Wilgepoort Dierekliniek									
Beef: 3									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 1									

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

Sheep								2.0 (1)	
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Western Cape									
Darling, Darling Dierekliniek									
Sheep: 2									

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

Beef						3.0 (1)			
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Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 3									

Poor conception in an un vaccinated herd. All animals bled tested positive for all 3

Enzootic Abortion									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	2.0 (1)	1.8 (4)	3.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep	2.0 (1)	1.8 (4)	3.0 (1)
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North West

Christiana, Christiana Dierehospitaal

Sheep: 2

Free State

Bultfontein, Greylingrust Dierspreekkamer

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 1

Kroonstad, Kroonstad Dierehospitaal

Sheep: 3

Villiers, Wilgepoort Dierekliniek

Sheep: 1

Western Cape

Darling, Darling Dierekliniek

Sheep: 3

E. coli

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (4)	1.0 (1)		1.0 (1)	2.0 (3)	2.5 (4)	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	2.5 (2)				3.0 (1)				
Dairy	1.5 (2)	1.0 (1)			1.5 (2)	2.3 (3)	3.0 (1)	2.0 (1)	
Sheep				1.0 (1)		3.0 (1)			

Mpumalanga

Balfour, Balfour Dierekliniek

Dairy: 1

Delmas, Delmas

Beef: 3

Standerton, Econovet

Beef: 2, Dairy: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Dairy: 1

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Sheep: 1

Free State

Bultfontein, Greylingrust Dierspreekkamer

Dairy: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Dairy: 2

Kwazulu-Natal
Dundee, Endumeni Herd health
Dairy: 2
Howick, Howick Veterinary Clinic
Dairy: 3
Mtubatuba, Mtubatuba Animal Clinic
Dairy: 2
Mastitis cases due to very muddy conditions following the rain
Underberg, Underberg Veterinary Surgery
Sheep: 3

Eastern Cape
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 3

Western Cape
Stellenbosch, Provincial Veterinary Laboratory
Dairy: 2
Stellenbosch area: Mucoïd E. coli was isolated from a milk sample. A heavy , pure growth of E. coli was isolated from stomach content of an aborted foetus Malmesbury area; A swab from the abdominal cavity of the omphalophlebitis case yielded a mixed infection of E. coli, Enterococci and other bacteria.

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

Sheep					2.0 (1)				
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Free State
Reitz, Riemland Dierekliniek
Sheep: 2

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

Beef	2.0 (1)								
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Mpumalanga
Lydenburg, Lydenburg Dieresprekkamer
Beef: 2

On one farm 6 cases of Senkobo disease occurred. There were severe foot lesions and skin keratosis especially around the mouth

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

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

Beef				1.0 (1)					
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North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 1									
Lesion found in heart muscle									

Protozoal diseases (other)

Coccidiosis ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)	2.0 (3)	3.0 (2)		1.7 (7)	1.7 (6)	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		2.0 (2)			1.0 (1)	1.7 (3)		1.0 (1)	
Sheep	3.0 (1)	2.0 (1)	3.0 (1)		2.0 (5)	1.5 (2)	1.0 (1)		
Goat			3.0 (1)		1.0 (1)	2.0 (1)	2.0 (1)		

Mpumalanga									
Standerton, Econovet									
Sheep: 3									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 1									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 2									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 3									
Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Sheep: 3, Goat: 3									
Free State									
Bloemfontein, Dr Stephan Wessels									
Sheep: 3									
Lambs									
Frankfort, Frankfort Dierekliniek									
Sheep: 3									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 1									
Kroonstad, Kroonstad Dierehospitaal									
Sheep: 2									
Ovine and game									

Parys, Parys Dierehospitaal
Goat: 1
Reitz, Riemland Dierekliniek
Beef: 1, Sheep: 1
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Sheep: 1
Howick, Howick Veterinary Clinic
Beef: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 1, Goat: 2
Underberg, Underberg Veterinary Surgery
Beef: 2, Sheep: 2
Eastern Cape
Graaff-Reinet, Camdeboo Veterinary Clinic
Goat: 2
Coccidiosis cases in Willowmore, Jansenville and Aberdeen
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 1
Western Cape
Oudtshoorn, Oudtshoorn Dierekliniek
Beef: 1
Animals brought in were in poor condition, thin, highly stressed, some had diarrhoea, 2 died, now treating for coccidia.

Fungal diseases

Ringworm ^

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

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

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

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 2
Gauteng
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 2
North West
Christiana, Christiana Dierehospitaal
Beef: 1, Dairy: 1
Free State
Bultfontein, Greylingrust Dieresprekkamer
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Dairy: 1

Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 2
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Beef: 1
Mtubatuba, Mtubatuba Animal Clinic
Dairy: 2
Eastern Cape
Aliwal North, Uitspan C Troskie
Beef: 1
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 1
Western Cape
Oudtshoorn, Oudtshoorn Dierekliniek
Dairy: 1

Viral Diseases (other)

BMC

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (5)		1.7 (3)	1.0 (1)	1.9 (7)	1.0 (1)	2.0 (1)		

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

Beef	2.0 (5)		1.7 (3)	1.0 (1)	1.9 (7)	1.0 (1)	2.0 (1)		
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Mpumalanga

Balfour, Balfour Dierekliniek
Beef: 3
Ermelo, Joubertstraat Dierekliniek
Beef: 2
Lydenburg, Lydenburg Dieresprekkamer
Beef: 1
Wildebeest associated snotsiekte confirmed by Onderstepoort
Middelburg, Middelburg Dierehospitaal
Beef: 2

Farmers are frustrated due to the many cattle mortalities. Weekend farmers on small holdings keep wildebeest on their property. This is a threat to beef production in South Africa and drastic steps need to be taken.

Nelspruit, Nelspruit Animal Hospital
Beef: 2
Blue wildebeest contact through fence

Limpopo

Bela-Bela, Warmbad Dierekliniek
Beef: 2
Machado, Blouberg Dierekliniek
Beef: 1
Vaalwater, Vaalwater Dieresprekkamer
Beef: 2

North West

Schweizer-Reneke, NJ Heyns
Beef: 1

Free State									
Bethlehem, Bethlehem Animal Hospital									
Beef: 1									
Sheep associated case									
Clocolan, Clocolan Dierekliniek									
Beef: 3									
Harrismith, Harrismith Dierehospitaal									
Beef: 2									
Ladybrand, Ladybrand Dierekliniek									
Beef: 2									
Cattle died, confirmed as wildebeest associated strain. Cattle died on farms near a game camp with black wildebeest									
Reitz, Riemland Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek									
Beef: 1									
Vrede, Saulshoek Direpraktik									
Beef: 2									
Kwazulu-Natal									
Newcastle, Ncandovet Newcastle									
Beef: 1									
Eastern Cape									
Stutterheim, Stutterheim Veterinary Clinic									
Beef: 2									
Four out of herd of 80 cattle died, one Angus Bull confirmed positive for insurance purposes									
BVD (Bovine viral diarrhoea)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			2.0 (1)			3.0 (1)		1.0 (1)	
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)			
Dairy								1.0 (1)	
Limpopo									
Machado, Blouberg Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 3									
Poor conception in an un-vaccinated herd. All animals bled tested positive									
Western Cape									
Stellenbosch, Stellenbosch Animal Hospital									
Dairy: 1									
IBR (Infectious bovine rhinotracheitis)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape

Average	2.0 (1)	2.5 (2)	3.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (1)	2.5 (2)	
Dairy			3.0 (1)

Limpopo

Machado, Blouberg Dierekliniek

Beef: 2

Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 3

Poor conception in an un-vaccinated herd. All animals bled tested positive

Dundee, Mpati Veterinary Clinic

Beef: 2

Eastern Cape

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 3

Enzootic Bovine Leucosis (EBL) [^](#)

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

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

Kwazulu-Natal

Underberg, Underberg Veterinary Surgery

Beef: 1

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 3

Western Cape

Darling, Darling Dierekliniek

Beef: 3

Orf [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.3 (3)	2.0 (2)		3.0 (2)	2.0 (10)	1.0 (1)			3.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep	1.0 (1)	2.0 (2)		3.0 (1)	1.9 (7)	1.0 (1)			3.0 (1)
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Goat	1.5 (2)	3.0 (1)	2.3 (3)						
Mpumalanga									
Balfour, Balfour Dierekliniek									
Sheep: 1									
Middelburg , Middelburg Dierehospitaal									
Goat: 1									
Nelspruit, Nelspruit Animal Hospital									
Goat: 2									
Especially a problem in young lambs									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 2									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 2									
North West									
Christiana, Christiana Dierehospitaal									
Sheep: 3, Goat: 3									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Sheep: 2									
Bultfontein, Greylingrust Dieresprekkamer									
Sheep: 2, Goat: 2									
Frankfort, Frankfort Dierekliniek									
Sheep: 2									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 3, Goat: 3									
Ladybrand, Ladybrand Dierekliniek									
Sheep: 1									
Parys, Parys Dierehospitaal									
Goat: 2									
Reitz, Riemland Dierekliniek									
Sheep: 1									
Villiers, Wilgepoort Dierekliniek									
Sheep: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Sheep: 1									
Northern Cape									
Upington, Veeartsenykliniek Upington									
Sheep: 3									
in lambs									
Warts									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)			2.0 (2)	1.7 (6)	2.0 (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									
Beef	1.5 (2)			2.0 (2)	2.0 (4)	2.0 (2)	1.0 (1)		
Dairy					1.0 (1)			2.0 (1)	

Sheep	1.0 (1)
Goat	2.0 (1)

Mpumalanga

Delmas, Delmas
Beef: 2

Nelspruit, Nelspruit Animal Hospital
Beef: 1

North West

Brits, Brits Dierekliniek
Beef: 2

Christiana, Christiana Dierehospitaal
Beef: 2

Free State

Bultfontein, Greylingrust Dierspreekkamer
Beef: 3

Hoopstad, Hoopstad Dierekliniek
Beef: 3, Dairy: 1

Villiers, Wilgepoort Dierekliniek
Beef: 1, Sheep: 1

Wesselsbron, Wesselsbron Dierekliniek
Beef: 1

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic
Beef: 2

Pongola, Pongola Animal Clinic
Beef: 2, Goat: 2
No ovine ORF vaccine available.

Eastern Cape

Aliwal North, Uitspan C Troskie
Beef: 1

Western Cape

Oudtshoorn, Oudtshoorn Dierekliniek
Dairy: 2

Poisonings (Plant)

Cestrum ^ -

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

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

Beef	1.0 (1)				1.7 (3)				
Dairy					3.0 (1)				

Mpumalanga

Balfour, Balfour Dierekliniek
Beef: 1

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 1
Clocolan, Clocolan Dierekliniek
Beef: 3
15 animals died
Hoopstad, Hoopstad Dierekliniek
Beef: 1
Ladybrand, Ladybrand Dierekliniek
Dairy: 3

Geeldikkop/Dikoor ^

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

Sheep				3.0 (1)	2.3 (4)			2.0 (1)	
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North West

Christiana, Christiana Dierehospitaal
Sheep: 3

Free State

Bultfontein, Greylingsrust Dieresprekkamer
Sheep: 3
Hoopstad, Hoopstad Dierekliniek
Sheep: 3
Villiers, Wilgepoort Dierekliniek
Sheep: 1
Wesselsbron, Wesselsbron Dierekliniek
Sheep: 2

Western Cape

Oudtshoorn, Oudtshoorn Dierekliniek
Sheep: 2

Tribulus (dubbeltjies) flowering and in abundance predisposing to this disease.

Kikuyu poisoning ^

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

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

Dairy							3.0 (2)		
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Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic
Dairy: 3

Kikuyu poisoning after commando worm infestation as well as kikuyu poisoning on kikuyu without any worm infestation. Cows had large, fluid filled rumens and severe dehydration. Once recumbent treatment is not successful, most cows died 12 – 48 hours after the outbreak. On post mortem large, fluid filled rumen with

fluorescent green contents is seen.

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 3

30 sheep affected. No commando worms visible

Lantana

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

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

Beef 2.0 (1) 1.0 (2)

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 1

Camperdown, Camperdown Vet Clinic

Beef: 1

Nenta poisoning (Krimpsiekte)

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

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

Sheep 2.0 (1)

Goat 2.0 (1)

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2, Goat: 2

Other

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

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

Beef 3.0 (1)

North West

Rustenburg, Protea Dierekliniek

Beef: 3

Liver poisons; 17 Animals died

Prussic acid poisoning

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

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

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

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 2

3 calves died

Free State

Harrismith, Harrismith Dierehospitaal

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 1, Sheep: 1

Parys, Parys Dierehospitaal

Beef: 2

Farmer sprayed his sorghum with Roundup for the purpose of harvesting, cattle broke through the fence and were found dead.

Eastern Cape

Aliwal North, Uitspan C Troskie

Sheep: 2

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 1

Seneciosis

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

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

Beef					1.0 (1)				
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Free State

Vrede, Saulshoek Direpraktik

Beef: 1

Tulip Poisoning

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

Beef	2.0 (1)	
Sheep		3.0 (1)

Limpopo

Machado, Blouberg Dierekliniek

Beef: 2

Poisoning due to superphos fertilizer eaten 3 cattle died

Northern Cape

Kimberley, Kimberley Dierekliniek

Sheep: 3

Salinomycin poisoning

Snake Bite

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

Beef					1.5 (2)				
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Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 2

Pufadder bites

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Urea Poisoning

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

Beef				2.0 (1)	1.5 (2)		1.0 (1)		
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Sheep					1.0 (1)				
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North West

Christiana, Christiana Dierehospitaal

Beef: 2

Animals were kraaled for two days before exposed to a wet lick.

Free State

Bultfontein, Greylingrust Dierspreekkamer

Beef: 1

Urea got wet. Animals were without lick 2 days prior to poisoning

Clocolan, Clocolan Dierekliniek

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Eastern Cape

Uitenhage, Uitenhage Dierehospitaal

Beef: 1

Macro Nutritional Problems

Energy deficiency

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

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

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

Mpumalanga

Bethal, Bethal Dierekliniek

Dairy: 1

Free State

Harrismith, Harrismith Dierehospitaal

Beef: 1

Most farmers changed to winter lick due to the fact that the animals are losing weight

Villiers, Wilgepoort Dierekliniek

Sheep: 2

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Beef: 3

Protein deficiency

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

North West

Christiana, Christiana Dierehospitaal

Beef: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Sheep: 1
Howick, Howick Veterinary Clinic
Beef: 3
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 3
Western Cape
Malmesbury, Bergzicht Dierehospitaal
Sheep: 2

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

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

Beef				3.0 (1)	2.0 (2)				
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North West
Christiana, Christiana Dierehospitaal
Beef: 3
Free State
Bultfontein, Greylingrust Dieresprekkamer
Beef: 3
Villiers, Wilgepoort Dierkliniek
Beef: 1

Calcium deficiency									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)				2.5 (2)	2.0 (3)	3.0 (1)		

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

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

Mpumalanga
Balfour, Balfour Dierkliniek
Dairy: 1
Piet Retief, Pets Vet Hospital
Sheep: 2
Free State
Hoopstad, Hoopstad Dierkliniek
Dairy: 3
Reitz, Riemland Dierkliniek
Sheep: 2
Kwazulu-Natal

Dundee, Endumeni Herd health
Beef: 2
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 2, Sheep: 2
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Beef: 3

Micro Nutritional Problems

Copper deficiency ^

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

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

Sheep							2.0 (1)	2.0 (1)	
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Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 2
Western Cape
Malmesbury, Bergzicht Dierehospitaal
Sheep: 2

Zinc 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)		
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Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Beef: 3

Selenium deficiency ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (2)	3.0 (1)	2.6 (7)	3.0 (1)		

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

Beef						2.5 (4)	3.0 (1)		
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Sheep				3.0 (2)	3.0 (1)	3.0 (1)			
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Goat

2.5 (2)

North West**Christiana, Christiana Dierehospitaal**

Sheep: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Sheep: 3

Selenium deficiency in the area, inject every lamb that is born 1 ml of vitamin E and selenium.

Free State**Bultfontein, Greylingrust Dierspreekkamer**

Sheep: 3

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

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 3, Sheep: 3, Goat: 3

Ingogo, Gen XY Stud Beef Consultancy

Beef: 3

Pietermaritzburg, Richmond Veterinary Clinic

Beef: 2

More widespread problem than we diagnose

Goat: 2

More widespread problem than we diagnose

Eastern Cape**Humansdorp, Humansdorp Veterinary Clinic**

Beef: 3

Vitamin A deficiency

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (4)	2.3 (3)				

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

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

North West**Christiana, Christiana Dierehospitaal**

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

Free State**Bultfontein, Greylingrust Dierspreekkamer**

Beef: 3, Sheep: 1

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Multi-factorial Disease Conditions**Abortions**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (4)	2.3 (3)			2.2 (17)	1.9 (9)	1.5 (2)	1.5 (4)	

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

Beef	2.0 (3)	2.0 (2)			1.8 (8)	1.6 (5)		2.0 (1)	
Dairy	1.0 (1)				2.5 (2)	3.0 (1)	2.0 (1)	1.5 (2)	
Sheep		3.0 (1)			2.6 (7)	2.0 (2)	1.0 (1)	1.0 (1)	
Goat						2.0 (1)			

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Dairy: 1

Delmas, Delmas

Beef: 3

Widespread up to 5 cases in a herd eg. Hoopstad, Brits, Heidelberg, Delmas Potchefstroom.

Volksrust, Volksrust Dierehospitaal

Beef: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 3, Sheep: 3

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 1

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 2

Abortions in three beef cows, possible that abortions are of viral origin. Results still pending.

Clocolan, Clocolan Dierekliniek

Beef: 2

Frankfort, Frankfort Dierekliniek

Beef: 2, Sheep: 2

Harrismith, Harrismith Dierehospitaal

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Dairy: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Sheep: 3

Ladybrand, Ladybrand Dierekliniek

Sheep: 3

Parys, Parys Dierehospitaal

Beef: 1

Reitz, Riemland Dierekliniek

Dairy: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 1

Villiers, Wilgepoort Dierekliniek

Beef: 2, Sheep: 2

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 3
Abortions due to blue tongue
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 2, Sheep: 2
Salmonella, Bluetongue,
Estcourt, Estcourt Vet Clinic
Beef: 1
Howick, Howick Veterinary Clinic
Beef: 3, Dairy: 3, Sheep: 2
Ingogo, Gen XY Stud Beef Consultancy
Beef: 1
Newcastle, Ncandovet Newcastle
Beef: 1
Pongola, Pongola Animal Clinic
Goat: 2
Eastern Cape
Graaff-Reinet, Camdeboo Veterinary Clinic
Sheep: 1
Abortions due to blue tongue in the Aberdeen district
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 2
Western Cape
Darling, Darling Dierekliniek
Dairy: 2
Malmesbury, Bergzicht Dierehospitaal
Beef: 2
Stellenbosch, Provincial Veterinary Laboratory
Dairy: 1
A heavy, pure growth of E. coli was isolated from stomach content of an aborted foetus.
Sheep: 1
Porterville area: A lung sample from a foetus sent for PCR at the ARC-OVI tested positive for Chlamydomphila abortus. A vaccine is available for prophylaxis against this Chlamydomphila specie

Abscesses									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)	3.0 (6)	3.0 (3)	1.0 (2)	2.1 (14)	1.8 (10)	2.0 (5)	1.5 (2)	

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

Beef	3.0 (1)	3.0 (1)	3.0 (1)	1.0 (1)	2.2 (6)	1.9 (7)	2.0 (1)	1.0 (1)	
Dairy		3.0 (1)			3.0 (1)	3.0 (1)	2.0 (1)	2.0 (1)	
Sheep		3.0 (3)	3.0 (1)	1.0 (1)	1.8 (6)	1.0 (1)	2.0 (2)		
Goat		3.0 (1)	3.0 (1)		3.0 (1)	1.0 (1)	2.0 (1)		

Mpumalanga
Delmas, Delmas
Beef: 3
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 3

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 3

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

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

Limpopo

Machado, Blouberg Dierekliniek

Beef: 3

Abscesses due to tick bites

Sheep: 3

Abscesses due to tick bites

Goat: 3

Abscesses due to tick bites

North West

Christiana, Christiana Dierehospitaal

Beef: 1, Sheep: 1

Free State

Bultfontein, Greylingrust Diersprekkamer

Beef: 2

Clocolan, Clocolan Dierekliniek

Beef: 3

Frankfort, Frankfort Dierekliniek

Beef: 2, Sheep: 2

Hoopstad, Hoopstad Dierekliniek

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

Memel, Memel Veterinary Clinic

Sheep: 3

Parys, Parys Dierehospitaal

Beef: 2

Villiers, Wilgepoort Dierekliniek

Beef: 1, Sheep: 1

Vrede, Saulshoek Dierpraktijk

Sheep: 1

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 1, Sheep: 1

Camperdown, Camperdown Vet Clinic

Beef: 2

Dundee, Endumeni Herd health

Beef: 3

Estcourt, Estcourt Vet Clinic

Beef: 1, Goat: 1

Howick, Howick Veterinary Clinic

Beef: 3, Dairy: 3

Newcastle, Ncandovet Newcastle

Beef: 1

Pongola, Pongola Animal Clinic

Beef: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 2

Aliwal North, Uitspan C Troskie

Beef: 2, Sheep: 2

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2, Goat: 2

Western Cape

Malmesbury, Dr Otto Kriek

Dairy: 2

Sticking contaminated needles back into medicine containers remains a problem as well as using the same needle for different animals.

Oudtshoorn, Oudtshoorn Dierekliniek

Beef: 1

Corynebacterium suspected.

Abscesses in general



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

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

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

Mpumalanga

Lydenburg, Lydenburg Dieresprekkamer

Sheep: 3

On 2 farms 25 cases

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Free State

Villiers, Wilgepoort Dierekliniek

Beef: 1, Sheep: 1

Kwazulu-Natal

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
Average					1.7 (3)				

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

Beef					2.0 (1)				
Sheep					1.5 (2)				

Free State

Frankfort, Frankfort Dierekliniek

Beef: 2, Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 1

Blindness									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.0 (2)	2.1 (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

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

North West

Christiana, Christiana Dierehospitaal

Beef: 1, Sheep: 1

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 3

Hoopstad, Hoopstad Dierkliniek

Beef: 2, Dairy: 2, Sheep: 3, Goat: 1

Villiers, Wilgepoort Dierkliniek

Beef: 3, Dairy: 1, Sheep: 3

Vrede, Saulshoek Dierpraktijk

Sheep: 1

Western Cape

Oudtshoorn, Oudtshoorn Dierkliniek

Dairy: 2

Contaminants in grazing, grass awns damaging corneas.

Bloat

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

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

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

Mpumalanga

Balfour, Balfour Dierkliniek

Beef: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 1

Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 1									
Frothy bloat in a Boran heifer.									
Bultfontein, Greylingrust Dierspreekkamer									
Beef: 1									
Reitz, Riemland Dierkliniek									
Dairy: 1									
Villiers, Wilgepoort Dierkliniek									
Beef: 1, Sheep: 1									
Kwazulu-Natal									
Mtubatuba, Mtubatuba Animal Clinic									
Goat: 1									

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

Dairy					1.0 (1)				
Sheep					1.5 (2)				

Free State									
Bultfontein, Greylingrust Dierspreekkamer									
Dairy: 1, Sheep: 1									
Villiers, Wilgepoort Dierkliniek									
Sheep: 2									

Diarrhoea									^ _
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.6 (5)			1.7 (3)	2.5 (14)	2.1 (8)		1.6 (5)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.8 (4)			2.0 (2)	2.3 (6)	2.0 (3)		1.0 (1)	
Dairy	1.0 (1)				2.8 (4)	2.5 (2)		1.8 (4)	
Sheep				1.0 (1)	2.3 (3)	2.0 (1)			
Goat					3.0 (1)	2.0 (2)			

Mpumalanga									
Balfour, Balfour Dierkliniek									
Beef: 2, Dairy: 1									
Bethal, Bethal Dierkliniek									
Beef: 1									
Delmas, Delmas									
Beef: 3									

Middelburg , Middelburg Dierehospitaal									
Beef: 1									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 1, Sheep: 1									
Schweizer-Reneke, NJ Heyns									
Beef: 3									
In calves									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 2									
Rota and corona viruses									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Dairy: 2									
Bultfontein, Greylingrust Dierspreekkamer									
Beef: 1, Dairy: 3									
Clocolan, Clocolan Dierekliniek									
Beef: 3, Dairy: 3									
Frankfort, Frankfort Dierekliniek									
Sheep: 3									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3									
Reitz, Riemland Dierekliniek									
Beef: 3									
Villiers, Wilgepoort Dierekliniek									
Beef: 2, Sheep: 1									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Beef: 2, Dairy: 2, Sheep: 2, Goat: 2									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2, Goat: 2									
Underberg, Underberg Veterinary Surgery									
Beef: 2									
Western Cape									
Darling, Darling Dierekliniek									
Dairy: 3									
Malmesbury, Bergzicht Dierehospitaal									
Beef: 1, Dairy: 1									
Malmesbury, Dr Otto Kriek									
Dairy: 2									
Stellenbosch, Stellenbosch Animal Hospital									
Dairy: 1									

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

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

Beef	1.0 (1)
Sheep	1.5 (2)

Free State									
Bultfontein, Greylingrust Dieresprekkamer									
Sheep: 1									
Villiers, Wilgepoort Dierekliniek									
Sheep: 2									
Vrede, Saulshoek Dierepraktyk									
Beef: 1									

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

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

Beef					1.0 (3)				
Dairy	1.0 (1)				1.0 (1)				

Mpumalanga									
Balfour, Balfour Dierekliniek									
Dairy: 1									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 1									
Reitz, Riemland Dierekliniek									
Beef: 1, Dairy: 1									
Villiers, Wilgepoort Dierekliniek									
Beef: 1									

Eye infections									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (5)	2.0 (5)	2.0 (1)	3.0 (5)	2.1 (21)	2.2 (12)	2.3 (3)	2.4 (8)	3.0 (2)

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

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

Mpumalanga									
Balfour, Balfour Dierekliniek									
Dairy: 2, Sheep: 1									

Middelburg , Middelburg Dierehospitaal
Beef: 2
Volksrust, Volksrust Dierehospitaal
Beef: 2, Sheep: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2, Sheep: 2
Pretoria, Anima Veterinary Consulting Rooms
Beef: 2
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Beef: 2, Sheep: 2
Limpopo
Mokopane, Henk Visser
Beef: 2
North West
Christiana, Christiana Dierehospitaal
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3
Schweizer-Reneke, NJ Heyns
Beef: 3
Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 2
Bultfontein, Greylingrust Dierspreekkamer
Beef: 3, Dairy: 1, Sheep: 1
Clocolan, Clocolan Dierekliniek
Beef: 3, Sheep: 3
Frankfort, Frankfort Dierekliniek
Beef: 3, Sheep: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 2, Dairy: 2, Sheep: 3
Ladybrand, Ladybrand Dierekliniek
Beef: 3, Sheep: 3
Memel, Memel Veterinary Clinic
Beef: 1
Reitz, Riemland Dierekliniek
Beef: 2, Sheep: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 3
Due to many midges and flies
Vrede, Saulshoek Dierpraktijk
Beef: 2, Sheep: 1
Wesselsbron, Wesselsbron Dierekliniek
Beef: 1
Zastron, Zastron Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Sheep: 1
Dundee, Endumeni Herd health
Beef: 3
Howick, Howick Veterinary Clinic
Beef: 3, Dairy: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Dairy: 2, Goat: 2

Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2, Goat: 2									
Pongola, Pongola Animal Clinic									
Beef: 2, Sheep: 2									
Underberg, Underberg Veterinary Surgery									
Beef: 2									
Eastern Cape									
Aliwal North, Uitspan C Troskie									
Beef: 2									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 3									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Western Cape									
Darling, Darling Dierekliniek									
Beef: 3, Sheep: 3									
Malmesbury, Bergzicht Dierehospitaal									
Beef: 2, Sheep: 2									
Malmesbury, Dr Otto Kriek									
Dairy: 3									
Animals not vaccinated. Often vaccination programs are altered by farmers due to financial constraints but unfortunately this practice comes at a cost.									
Stellenbosch, Provincial Veterinary Laboratory									
Sheep: 2									
Beaufort West area: Eye swabs from eyes of sheep with keratoconjunctivitis yielded Moraxella bovis									
Stellenbosch, Stellenbosch Animal Hospital									
Dairy: 1									
Vredenburg, Vredenburg Dierehospitaal									
Sheep: 3									
Northern Cape									
Kathu, Kathu Dierekliniek									
Beef: 3									
Kimberley, Kimberley Dierekliniek									
Beef: 3									
Joint Ill									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.0 (1)		1.0 (2)	1.6 (8)	1.0 (4)		1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)	1.0 (1)		1.0 (1)	1.6 (5)	1.0 (1)			
Dairy						1.0 (1)		1.0 (1)	
Sheep				1.0 (1)	1.7 (3)	1.0 (1)			
Goat						1.0 (1)			
Mpumalanga									
Delmas, Delmas									
Beef: 1									
Gauteng									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									

Beef: 1
North West
Christiana, Christiana Dierehospitaal
Beef: 1, Sheep: 1
Free State
Bultfontein, Greylingrust Dierspreekkamer
Beef: 2, Sheep: 1
Frankfort, Frankfort Dierekliniek
Beef: 2, Sheep: 2
Memel, Memel Veterinary Clinic
Beef: 1
Parys, Parys Dierehospitaal
Beef: 2
Villiers, Wilgepoort Dierekliniek
Beef: 1, Sheep: 2
Kwazulu-Natal
Camperdown, Camperdown Vet Clinic
Goat: 1
Estcourt, Estcourt Vet Clinic
Beef: 1, Sheep: 1
Mtubatuba, Mtubatuba Animal Clinic
Dairy: 1
Western Cape
Malmesbury, Dr Otto Kriek
Dairy: 1

Lameness/Foot Problems									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.4 (7)	2.9 (8)	2.2 (5)	3.0 (4)	2.6 (32)	2.3 (13)	2.2 (6)	2.0 (3)	

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

Beef	2.0 (2)	3.0 (2)	2.0 (1)	3.0 (1)	2.6 (12)	2.2 (5)	2.0 (1)		
Dairy	2.0 (1)	3.0 (2)	2.0 (1)	3.0 (1)	2.8 (4)	2.8 (4)	1.5 (2)	2.0 (3)	
Sheep	2.8 (4)	2.7 (3)	2.5 (2)	3.0 (1)	2.6 (14)	2.0 (2)	2.5 (2)		
Goat		3.0 (1)	2.0 (1)	3.0 (1)	2.5 (2)	2.0 (2)	3.0 (1)		

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1, Dairy: 2
Delmas, Delmas
Beef: 3
Ermelo, Joubertstraat Dierekliniek
Sheep: 3
Middelburg, Middelburg Dierehospitaal
Sheep: 3
Standerton, Econovet
Sheep: 3

Volksrust, Volksrust Dierehospitaal
Sheep: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 3, Dairy: 3, Sheep: 3
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 2
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3
Limpopo
Polokwane, Pietersburg Veterinary Clinic
Beef: 2, Dairy: 2, Sheep: 2, Goat: 2
Vaalwater, Vaalwater Dieresprekkamer
Sheep: 3
Due to excessive rain
North West
Christiana, Christiana Dierehospitaal
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 2, Sheep: 3
Bothaville, Cape Cross Bothaville Veterinary Hospital
Sheep: 2
Foot rot reported by numerous farmers
Bultfontein, Greylingrust Dieresprekkamer
Beef: 3, Dairy: 3, Sheep: 3, Goat: 2
Clocolan, Clocolan Dierekliniek
Dairy: 3, Sheep: 3
Dewetsdorp, Platkop Dierekliniek
Beef: 2, Sheep: 2
Frankfort, Frankfort Dierekliniek
Beef: 3, Sheep: 3
Harrismith, Harrismith Dierehospitaal
Beef: 2, Dairy: 2, Sheep: 2
Major problem in the wet conditions the kraals are wet and treatment difficult
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3
Rattle bush (Stywesiektebossie, <i>Crotalaria burkeana</i>) is the cause of overgrown hooves
Ladybrand, Ladybrand Dierekliniek
Beef: 3
Due to wet conditions
Sheep: 3
This is due to the wet conditions in the area.
Memel, Memel Veterinary Clinic
Sheep: 1
Parys, Parys Dierehospitaal
Beef: 2, Sheep: 3
Reitz, Riemland Dierekliniek
Beef: 3, Sheep: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 3
Due to continuous rain

Sheep: 3
Due to continuous rain
Villiers, Wilgepoort Dierekliniek
Beef: 2, Sheep: 3
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 2
Three day stiffness, footrot, ticks
Sheep: 2
Bluetongue, footrot, ticks
Dundee, Endumeni Herd health
Beef: 3, Dairy: 3
Estcourt, Estcourt Vet Clinic
Beef: 2, Dairy: 2, Sheep: 2, Goat: 2
Howick, Howick Veterinary Clinic
Dairy: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2
Underberg, Underberg Veterinary Surgery
Dairy: 3
Underberg, Waterford Farm, Underberg
Beef: 2
Eastern Cape
Aliwal North, Uitspan C Troskie
Beef: 2, Sheep: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 3
Many cases seen and reported
Goat: 3
Many cases seen and reported
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2
Uitenhage, Uitenhage Dierehospitaal
Dairy: 1
Western Cape
Darling, Darling Dierekliniek
Dairy: 2
Malmesbury, Bergzicht Dierehospitaal
Dairy: 2
Malmesbury, Dr Otto Kriek
Dairy: 2

Lung infection									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)	2.5 (2)	2.0 (2)	1.8 (4)	2.5 (16)	2.0 (11)	2.0 (1)	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	3.0 (1)		2.0 (1)	2.0 (3)	2.4 (7)	2.0 (6)		2.0 (1)	
Dairy					3.0 (1)	2.0 (1)	2.0 (1)	2.0 (2)	

Sheep	2.5 (2)	2.0 (1)	1.0 (1)	2.4 (7)	2.0 (2)	2.0 (3)	2.0 (1)
Goat				3.0 (1)	2.0 (2)		

Mpumalanga							
Delmas, Delmas							
Beef: 3							
Gauteng							
Bapsfontein, Bapsfontein Dierehospitaal							
Sheep: 2							
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic							
Sheep: 3							
Limpopo							
Polokwane, Pietersburg Veterinary Clinic							
Beef: 2, Sheep: 2							
North West							
Christiana, Christiana Dierehospitaal							
Beef: 1, Sheep: 1							
Leeudoringstad, Leeudoringstad Dierekliniek							
Beef: 2							
Pneumonia due to Pasteurella multocida and Mannheimia haemolytica infections							
Schweizer-Reneke, NJ Heyns							
Beef: 3							
in calves							
Free State							
Bloemfontein, Dr Stephan Wessels							
Beef: 2							
Pneumonia due to pasteurellosis							
Sheep: 3							
Pneumonia due to pasteurellosis							
Bultfontein, Greylingrust Dierspreekkamer							
Beef: 2, Sheep: 2							
Clocolan, Clocolan Dierekliniek							
Beef: 3, Sheep: 3							
Frankfort, Frankfort Dierekliniek							
Beef: 2, Sheep: 2							
Hoopstad, Hoopstad Dierekliniek							
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3							
Kroonstad, Kroonstad Dierehospitaal							
Sheep: 2							
Memel, Memel Veterinary Clinic							
Beef: 3							
Parys, Parys Dierehospitaal							
Sheep: 2							
Vrede, Saulshoek Dierpraktyk							
Beef: 2							
Cows with calves were bought at an auction, vaccination status was unknown							
Kwazulu-Natal							
Bergville, Tugela Vet Clinic							
Beef: 1, Sheep: 1							
Dundee, Endumeni Herd health							
Beef: 2							
Estcourt, Estcourt Vet Clinic							
Beef: 2, Goat: 2							
Mtubatuba, Mtubatuba Animal Clinic							

Beef: 2, Dairy: 2, Goat: 2

Pongola, Pongola Animal Clinic

Beef: 2

Underberg, Underberg Veterinary Surgery

Beef: 3, Sheep: 3

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 2

Western Cape

Darling, Darling Dierekliniek

Dairy: 2, Sheep: 2

George, George Animal Hospital

Beef: 2, Sheep: 2

Malmesbury, Dr Otto Kriek

Dairy: 2

Stellenbosch, Provincial Veterinary Laboratory

Sheep: 2

Stellenbosch area: Mannheimia haemolytica was isolated from a lung sample from a carcass that presented with pneumonia. Swellendam area: Mannheimia haemolytica was isolated from lung and spleen samples from a carcass submitted by the State Vet office.

Northern Cape

Kimberley, Kimberley Dierekliniek

Sheep: 2

Mastitis in general

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)	1.7 (3)		2.0 (2)	2.3 (8)	2.3 (8)	2.0 (3)	2.2 (5)	2.0 (1)

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

Beef	3.0 (1)	3.0 (1)			3.0 (1)	2.0 (1)		3.0 (1)	
Dairy	1.0 (1)	1.0 (1)		2.0 (2)	2.6 (5)	2.3 (6)	2.0 (3)	2.0 (4)	
Sheep		1.0 (1)			1.0 (1)				2.0 (1)
Goat					1.0 (1)	2.0 (1)			

Mpumalanga

Balfour, Balfour Dierekliniek

Dairy: 1

Delmas, Delmas

Beef: 3

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Dairy: 1

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 3

North West

Christiana, Christiana Dierehospitaal

Dairy: 3

Rustenburg, Protea Dierekliniek

Dairy: 1

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 3

Severe

Bothaville, Cape Cross Bothaville Veterinary Hospital

Dairy: 2, Goat: 1

Nanny goat contracted a septic metritis and mastitis after dystocia

Bultfontein, Greylingrust Dieresprekkamer

Dairy: 3, Sheep: 1

Hoopstad, Hoopstad Dierekliniek

Dairy: 3

Ladybrand, Ladybrand Dierekliniek

Dairy: 3

Reitz, Riemland Dierekliniek

Dairy: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Dairy: 1

Dundee, Endumeni Herd health

Dairy: 3

Estcourt, Estcourt Vet Clinic

Dairy: 2, Goat: 2

Howick, Howick Veterinary Clinic

Dairy: 3

Mtubatuba, Mtubatuba Animal Clinic

Dairy: 2

Pongola, Pongola Animal Clinic

Beef: 2

Tick Control

Underberg, Underberg Veterinary Surgery

Dairy: 3

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 2

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 3

Uitenhage, Uitenhage Dierehospitaal

Dairy: 1

Western Cape

Darling, Darling Dierekliniek

Dairy: 2

George, George Animal Hospital

Beef: 3

Malmesbury, Dr Otto Kriek

Dairy: 3

A spike in the prevalence after recent rains. Sleeping quarters aren't managed adequately mainly due to the cost factor. There is so much pressure on dairy farmers because of milk prices.

Stellenbosch, Provincial Veterinary Laboratory

Dairy: 2

Stellenbosch area: Mucoïd E. coli was isolated from a milk sample. Heidelberg area: Two milk samples yielded E. coli and a third milk sample yielded a coagulase negative Staphylococcus sp which was methicillin resistant.

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Northern Cape
Kimberley, Kimberley Dierekliniek
 Sheep: 2

Navel Ill ^

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

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

North West

Christiana, Christiana Dierehospitaal
 Beef: 1

Free State
Bultfontein, Greylingsrust Dieresprekkamer
 Dairy: 1

Hoopstad, Hoopstad Dierekliniek
 Beef: 1

Villiers, Wilgepoort Dierekliniek
 Sheep: 2

Metabolic Diseases

Acidosis ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.0 (1)			3.0 (1)	1.3 (6)	1.0 (1)		1.0 (1)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

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

Mpumalanga

Balfour, Balfour Dierekliniek
 Beef: 1

North West
Brits, Brits Dierekliniek
 Sheep: 3

Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
 Sheep: 3

Farmer lost more than 20 sheep after taken out of maize field and after they were dosed. Animals very hungry as

they were without food for half a day									
Bultfontein, Greylingrust Dierspreekkamer									
Beef: 1, Sheep: 1									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1, Dairy: 1									
Parys, Parys Dierehospitaal									
Beef: 1									
Kwazulu-Natal									
Camperdown, Camperdown Vet Clinic									
Goat: 1									
Rumen acidosis and Vit B1 deficiency									
Western Cape									
Stellenbosch, Stellenbosch Animal Hospital									
Dairy: 1									
Displaced abomasum									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)								
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Dairy	3.0 (1)								
Mpumalanga									
Balfour, Balfour Dierekliniek									
Dairy: 3									
Ketosis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (1)	1.7 (3)			2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Dairy					2.0 (2)				
Sheep				3.0 (1)	1.0 (1)			2.0 (1)	
North West									
Christiana, Christiana Dierehospitaal									
Sheep: 3									
Free State									
Bultfontein, Greylingrust Dierspreekkamer									
Dairy: 3									
Hoopstad, Hoopstad Dierekliniek									
Dairy: 1									
Reitz, Riemland Dierekliniek									
Sheep: 1									
Western Cape									
Malmesbury, Bergzicht Dierehospitaal									

Sheep: 2

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

Average	1.0 (1)			2.0 (1)	2.3 (4)				
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Dairy	1.0 (1)			2.0 (1)	2.3 (3)				
Sheep					2.0 (1)				

Mpumalanga									
Balfour, Balfour Dierekliniek									
Dairy: 1									
North West									
Christiana, Christiana Dierehospitaal									
Dairy: 2									
Free State									
Bultfontein, Greylingrust Dieresprekkamer									
Dairy: 2									
Hoopstad, Hoopstad Dierekliniek									
Dairy: 3									
Reitz, Riemland Dierekliniek									
Dairy: 2, Sheep: 2									

Reproductive diseases

Dystocia (Difficult Births)									
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (3)	1.0 (1)	2.0 (1)	2.3 (3)	1.9 (14)	1.6 (8)	1.5 (2)	1.8 (4)	

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

Beef	1.0 (2)		2.0 (1)	2.3 (3)	2.0 (8)	1.5 (4)	1.5 (2)	1.5 (2)	
Dairy	1.0 (1)				1.0 (1)	2.0 (2)		2.0 (1)	
Sheep		1.0 (1)			2.0 (4)	2.0 (1)		2.0 (1)	
Goat					1.0 (1)	1.0 (1)			

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1, Dairy: 1									
Middelburg, Middelburg Dierehospitaal									
Beef: 1									
Gauteng									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 1									
Limpopo									

Machado, Blouberg Dierekliniek

Beef: 2

North West**Brits, Brits Dierekliniek**

Beef: 2

Christiana, Christiana Dierehospitaal

Beef: 3

Rustenburg, Protea Dierekliniek

Beef: 2

Not a big problem

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

Beef: 1, Sheep: 1, Goat: 1

Bultfontein, Greylingrust Dierspreekkamer

Beef: 3

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Dairy: 1, Sheep: 3

Ladybrand, Ladybrand Dierekliniek

Beef: 2

Parys, Parys Dierehospitaal

Beef: 2

Reitz, Riemland Dierekliniek

Beef: 2, Sheep: 2

Villiers, Wilgepoort Dierekliniek

Beef: 2, Sheep: 2

Vrede, Saulshoek Dierepraktyk

Beef: 1

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

Beef: 2, Sheep: 2

Estcourt, Estcourt Vet Clinic

Beef: 1

Howick, Howick Veterinary Clinic

Dairy: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 1

Newcastle, Ncandovet Newcastle

Beef: 1

Underberg, Underberg Veterinary Surgery

Dairy: 1

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

Beef: 2

Uitenhage, Uitenhage Dierehospitaal

Beef: 1

Western Cape**Darling, Darling Dierekliniek**

Dairy: 2

George, George Animal Hospital

Beef: 1

Malmesbury, Bergzicht Dierehospitaal

Beef: 2, Sheep: 2

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

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

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

Mpumalanga									
Balfour, Balfour Dierekliniek									
Dairy: 2									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 1, Dairy: 1									
Free State									
Bultfontein, Greylingsrust Dieresprekkamer									
Beef: 2, Dairy: 3									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1, Dairy: 1									
Western Cape									
Malmesbury, Bergzicht Dierehospitaal									
Dairy: 3									

Metritis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)			1.0 (2)	1.3 (4)	2.0 (3)	1.5 (2)	2.5 (4)	

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

Beef	3.0 (1)			1.0 (1)	1.0 (1)	2.0 (1)	1.0 (1)	2.0 (2)	
Dairy				1.0 (1)	1.5 (2)	2.0 (2)	2.0 (1)	3.0 (2)	
Goat					1.0 (1)				

Mpumalanga									
Delmas, Delmas									
Beef: 3									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 1, Dairy: 1									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Goat: 1									
Nanny goat contracted a septic metritis after									
Bultfontein, Greylingsrust Dieresprekkamer									
Beef: 1, Dairy: 1									
Reitz, Riemland Dierekliniek									
Dairy: 2									
Kwazulu-Natal									

Estcourt, Estcourt Vet Clinic
Beef: 2
Howick, Howick Veterinary Clinic
Dairy: 3
Mtubatuba, Mtubatuba Animal Clinic
Dairy: 1
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2
Uitenhage, Uitenhage Dierehospitaal
Beef: 1
Western Cape
Darling, Darling Dierekliniek
Beef: 3, Dairy: 3
George, George Animal Hospital
Beef: 1
Malmesbury, Dr Otto Kriek
Dairy: 3

Poor conception [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)	2.7 (3)		3.0 (4)	2.3 (3)	2.0 (6)	1.0 (1)	3.0 (2)	

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

Beef	2.0 (1)	3.0 (1)		3.0 (1)	2.0 (2)	1.8 (4)	1.0 (1)	3.0 (1)	
Dairy	1.0 (1)			3.0 (1)	3.0 (1)	2.5 (2)		3.0 (1)	
Sheep		2.5 (2)		3.0 (1)					
Goat				3.0 (1)					

Mpumalanga

Balfour, Balfour Dierekliniek
Dairy: 1
Delmas, Delmas
Beef: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal
Beef: 3, Sheep: 3
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 2

North West

Christiana, Christiana Dierehospitaal
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3

Free State

Bultfontein, Greylingrust Diersprekkamer
Beef: 3, Dairy: 3
Harrismith, Harrismith Dierehospitaal
Beef: 1

Herds where trichomonosis were diagnosed the conception were around 80% and in the clean herds it is around 95% despite the dry spring

Kwazulu-Natal

Dundee, Endumeni Herd health									
Beef: 3									
Estcourt, Estcourt Vet Clinic									
Beef: 1									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Late rains in Spring. Late conceptions during the beef breeding season on some farms									
Underberg, Underberg Veterinary Surgery									
Dairy: 2									
Eastern Cape									
Uitenhage, Uitenhage Dierehospitaal									
Beef: 1									
Western Cape									
Darling, Darling Dierekliniek									
Beef: 3, Dairy: 3									
Retained afterbirth									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)			1.0 (1)	2.0 (1)	2.7 (3)	3.0 (1)	2.7 (3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)					3.0 (1)			
Dairy				1.0 (1)	2.0 (1)	2.5 (2)	3.0 (1)	2.7 (3)	
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
North West									
Christiana, Christiana Dierehospitaal									
Dairy: 1									
Free State									
Bultfontein, Greylingrust Dieresprekkamer									
Dairy: 2									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 3, Dairy: 2									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 3									
Western Cape									
Darling, Darling Dierekliniek									
Dairy: 3									
Malmesbury, Dr Otto Kriek									
Dairy: 2									

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 3

Uterus prolaps

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)			1.0 (2)	1.2 (10)				

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

Beef				1.0 (1)	1.0 (5)				
Dairy					1.0 (1)				
Sheep	1.0 (1)			1.0 (1)	1.5 (4)				

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 1, Sheep: 1

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Dairy: 1

Bultfontein, Greylingrust Dierspreekkamer

Beef: 1, Sheep: 1

Frankfort, Frankfort Dierekliniek

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Parys, Parys Dierehospitaal

Beef: 1

Reitz, Riemland Dierekliniek

Sheep: 2

Villiers, Wilgepoort Dierekliniek

Beef: 1, Sheep: 1

Vrede, Saulshoek Dierepraktyk

Beef: 1

Repeated case in a cow, needs to be culled

Vaginal (Cervical) prolaps

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)			1.3 (3)	1.6 (10)	1.7 (3)		1.0 (1)	

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

Beef	1.0 (1)			1.5 (2)	1.5 (4)	1.5 (2)		1.0 (1)	
Dairy					1.0 (1)				

Sheep

1.0 (1) 1.8 (5) 2.0 (1)

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 1, Sheep: 1									
Schweizer-Reneke, NJ Heyns									
Beef: 2									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Dairy: 1									
Bultfontein, Greylingrust Dierspreekkamer									
Sheep: 1									
Frankfort, Frankfort Dierekliniek									
Sheep: 2									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1, Sheep: 3									
Reitz, Riemland Dierekliniek									
Beef: 2, Sheep: 1									
Villiers, Wilgepoort Dierekliniek									
Beef: 2, Sheep: 2									
Vrede, Saulshoek Dierpraktik									
Beef: 1									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Sheep: 2									
Mostly due to management - too short docked tails									
Ingogo, Gen XY Stud Beef Consultancy									
Beef: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Western Cape									
Malmesbury, Bergzicht Dierehospitaal									
Beef: 1									

Climatical Cause

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

Average 3.0 (1)

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

Dairy 3.0 (1)

Mpumalanga									
Balfour, Balfour Dierekliniek									
Dairy: 3									

Residues									
Drug residues									^
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)				
Free State									
Hoopstad, Hoopstad Direkliniek									
Dairy: 1									

Feedlot report: drs. Shaun Morris and Eben du Preez

Sheep feedlots:

Many sheep arriving at feedlots had anaemia due to wireworm infestation. It was also those sheep that had adaptation problems and numerous deaths occurred in these groups. Conical fluke caused diarrhoea in sheep and these clinical signs commenced within days after sheep arrived at feedlots.

Outbreaks of diarrhoea due to salmonellosis caused many mortalities and brought along excessive costs for treatment and preventative measures.

Salmonella Typhimurium was in all cases the causative pathogen and an autogenous vaccine helped to contain the disease. As this disease is becoming more of a problem it may become necessary to vaccinate animals prophylactically.

One should take note that unhygienic conditions in kraals become heavily infected with *Salmonella* as well as soiled transport vehicles serving as sources of infection.

Salmonella organisms are fairly resistant and can survive for long periods in the environment. In the animal the large intestine is especially damaged and a general septicaemia affecting all organs is generally seen. Less severe infections may also cause mortalities but it could be difficult to make a diagnosis at post mortem. Taking samples for histology helps to confirm a diagnosis.

A few cases of pulpy kidney as well as blood gut associated with acidosis were seen. Blue tongue also occurred.

Cattle feed lots:

Acidosis combined with cases of bloat and red gut were seen. It often occurred during very wet conditions and feedlots having problems with the mixing of rations. Liver abscesses also occurred when the rumen wall was damaged.

Anaplasmosis and red water cases occurred and a few batches of calves were infested with blue ticks. Anaplasmosis occurred in some fat animals and the disease was ascribed to stress conditions caused by unfavourable weather conditions.

Parafilaria infestation caused financial losses as affected meat (false bruising) had to be trimmed from carcasses.

Livers infested with liverfluke had to be condemned resulting in a loss of about R100 per liver.

Foot rot was prevalent due to the long periods of rainy weather. Lameness due to injury was quite often seen.

Morbidity and mortalities due to respiratory problems are on the increase.

I dexx laboratory Johannesburg – dr. Marijke Henton

Feedlot cattle with respiratory disease yielded a number of pathogens, which were *Mannheimia haemolytica* (3), *Pasteurella multocida* (4), and one each of *Histophilus somni*, *Mannheimia biovar 9*, *Mycoplasma* and *Trueperella pyogenes*.

Sheep with lung infections yielded *Mannheimia haemolytica* and *T. pyogenes*. A pig with pneumonia yielded *P. multocida*.

Abscesses in cattle yielded *T. pyogenes* and *Actinobacillus lignieresii*. *Actinobacillus lignieresii* classically causes wooden tongue, but it can be responsible for abscesses in the head and neck region. It is difficult to culture, as only a very few bacteria are present in the abscess, and a sample often does not yield any growth because of this. *Corynebacterium pseudotuberculosis* caused an abscess in a sheep.

Enteritis in calves was caused by *Salmonella* Dublin, *Salmonella* Typhimurium and *E coli*, and *E coli* also caused septicaemia in a pig and bovine mastitis.

Regarding anaerobes, *Clostridium septicum* was isolated from the pericardial fluid of a sheep, and *Clostridium perfringens* type A from a case of sudden death in a feedlot ox.

Stellenbosch regional laboratory: dr. Annelize Jonker

Disease or problem	Specie affected	Describe the conditions and the severity of the disease or problem
Mastitis, abortion, enteritis, omphalophlebitis	Bovine	<p><u>Stellenbosch area:</u> Muroid <i>E. coli</i> was isolated from a milk sample. A heavy, pure growth of <i>E. coli</i> was isolated from stomach content of an aborted foetus.</p> <p><u>Malmesbury area:</u> A <i>Salmonella</i> I was isolated from 2 calf carcasses one with signs of enteritis and one with an omphalophlebitis. A swab from the abdominal cavity of the omphalophlebitis case yielded a mixed infection of <i>E. coli</i>, Enterococci and other bacteria.</p> <p><u>Caledon area:</u> <i>Salmonella</i> I was isolated from an abdominal swab and the small intestine of a week old calf.</p> <p><u>Heidelberg area:</u> Two milk samples yielded <i>E. coli</i> and a third milk sample yielded a coagulase negative <i>Staphylococcus</i> sp which was methicillin resistant.</p>
Oedema disease	Porcine	<p><u>Caledon area:</u> Haemolytic <i>E. coli</i> was isolated from small intestine samples from young piglets that presented with hydrothorax and subcutaneous oedema.</p>
Pneumonia, abortion, septicaemia, keratoconjunctivitis	Ovine	<p><u>Stellenbosch area:</u> <i>Mannheimia haemolytica</i> was isolated from a lung sample from a carcass that presented with pneumonia.</p> <p><u>Porterville area:</u> A lung sample from a foetus sent for PCR at the ARC-OVI tested positive for <i>Chlamydophila abortus</i>. A vaccine is available for prophylaxis against this <i>Chlamydophila</i> specie.</p> <p><u>Swellendam area:</u> <i>Mannheimia haemolytica</i> was isolated from lung and spleen samples from a carcass submitted by the State Vet office.</p> <p><u>Beaufort West area:</u> Eye swabs from eyes of sheep with keratoconjunctivitis yielded <i>Moraxella bovis</i>.</p>