

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

Level of Reporting

The following practices and laboratories (93) submitted reports during May 2014:

Mpumalanga (11)

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

Middelburg – drs. Fourie and Rabie

Piet Retief - drs. Niebuhr and Weber

Standerton – dr. Kobie Kroon

Volksrust – dr. André Visser

Gauteng (5)

Bapsfontein – dr. Evert Olivier

Bronkhorstspuit – drs. De Bruin, De Bruin, Rudolph and Slabber

Krügersdorp - drs. Jeffery, Van Eeden and Walker

Onderstepoort Veterinary Academic Hospital – proff. Prozesky and Shakespear, drs. Annandale, Blignaut, Carrington, Gratwick, Grobler, Harmse, Holm and O'Dell

Pretoria – dr. Hanneke Pienaar

Limpopo (6)

Bela-Bela (Warmbath) – 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

Tzaneen – dr. Pieter Cordier

Vaalwater - dr. Hampie van Staden

North West (7)

Christiana - dr. Pieter Nel

Leeudoringstad - dr. Ian Jonker

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

Schweizer-Reneke - dr. N.J. Heyns

Stella – dr. Magdaleen Vossler

Swartruggens – dr. Roselle Hartwigsen

Ventersdorp – dr. Olof Marais

Free State (17)

Bethlehem – drs. Basson, Strydom and Strydom

Bloemfontein - dr. Stephan Wessels

Bothaville – dr. Johan Blaauw

Bultfontein – dr. Santjie Pieterse

Clocolan – drs. Marwick and Wasserman

Frankfort - dr. Dries Lessing

Harrismith - drs. Pretorius, Thirion and Nel

Hoopstad - dr. Kobus Pretorius

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

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

Wesselsbron – dr. Johan Jacobs

Winburg – drs. Albertyn and Albertyn

Zastron – dr. Phillip Brandt

KwaZulu-Natal (17)

Bergville - drs. Ariena Shepherd

Camperdown – dr. Anthony van Tonder

Dundee – dr. Tony Grace

Estcourt – drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar

Greytown – dr. Mike Caldicott

Howick – drs. Hughes, Lund, Gordon, Allison and Taylor

Ingogo – dr. Trish Oglesby

Kokstad – drs. Clowes and Shivers

Mooi River – drs. Fowler, Hartley and Mallet

Mtubatuba – dr. Trever Viljoen

Newcastle – dr. Barry Rafferty

Pietermaritzburg – dr. Phillip Kretzmann

Pietermaritzburg – dr. Rick Mapham

Pongola – dr. Heinz Kohrs

Underberg - drs. Collins, King and Delaney

Underberg – dr. Pete Dommett

Vryheid – dr. Gert Theron

Eastern Cape (9)

Alexandria - dr. Johan Olivier

Aliwal North – drs. Troskie and Strauss

Cradock – dr. Frans Erasmus

Graaff- Reinet - dr. Roland Larson

Graaff-Reinet - drs. Hobson and Strydom

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

Somerset East – drs. Farrel and Louw

Stutterheim – dr. Dave Waterman

Jeffreys Bay – drs. Lategan, Hoek and McFarlane

Western Cape (13)

Beaufort West – drs. Pienaar and Grobler

Caledon – drs. Retief and Rissik

Ceres – dr. Marc Walton

George - drs. Strydom, Truter and Pettifer

Heidelberg – dr. Albert van Zyl

Malmesbury – dr. Otto Kriek

Malmesbury – dr. John Liebenberg

Oudtshoorn – dr. Glen Carlisle

Plettenberg Bay – dr. André Reitz

Riversdal – drs. Du Plessis, Taylor and De Bruyn

Stellenbosch – dr. Alfred Kidd

Swellendam – dr. Jacques Malan

Vredenburg - dr. Izak Rust

Northern Cape (5)

Calvinia – drs. Dirk and Lizanne de Beer

De Aar – dr. Donald Anderson

Kathu – dr. Jan Vorster

Kimberley – drs. Van Heerden and Swart

Upington - dr. Ian Vorster

Feed lots (1)

Drs. Morris and Du Preez

Laboratory reports (2)

Dr. Marijke Henton -Icxx SA Johannesburg

Dr. Annelize Jonker – State Vet Lab, Stellenbosch

Summary of the disease report for May 2014

93 Reports from veterinary practices and laboratories were received (Mpumalanga 11, Gauteng 5, Limpopo 6, North West 7, Free State 17, KZN 17, Eastern Cape 9, Western Cape 13, Northern Cape 5, Feedlots 1, Laboratories 2).

Internal parasites

Roundworms: Although conditions in the summer rainfall area are not so conducive for new **wireworm** infestations, there were still numerous reports of losses due to this parasite. Farmers should be aware that bankruptworms are more prevalent during cooler temperatures. In the winter and non seasonal rainfall areas **brown stomachworm** can cause severe problems. Now is the time to evaluate which drug groups are still effective on your farm so you can plan with your veterinarian which actives to use next season.

Tapeworms: Farmers should be aware of economic losses due to measles. Find out where the cattle become infected eg. water sources, positive labourers, flies etc.

Liver and conical fluke worms: Numerous reports of infestations were received. Do not only rely on treatment but together with your veterinarian walk through the farm and develop an integrated control program of how to minimize the damage caused by these parasites. As animals usually graze in vleis during winter where the infective stages of the flukes are, it is important that animals are regularly examined for signs of parasitism.

External parasites

High **blue tick** numbers were reported from many parts of the country. The other tick species: **bont ticks, brown ear-ticks, bont-legged-ticks and red-legged ticks** had less numbers than last month. To control brown ear-ticks, a three host tick, it is important to treat cattle in the winter to control the small larval stages which are usually found in the ears of cattle.

Sucking and biting lice numbers are on the increase and are responsible for weight loss in winter.

Numerous reports of young animals with **coccidiosis** were received. These parasites cause diarrhoea and even mortalities.

Tick transmitted diseases

As seen above, **blue tick numbers** were still high and therefore, as seen in the reports, **African and Asiatic red water** cases were still high. Numerous **anaplasmosis** and **heartwater** cases were reported. In northern KZN **Nagana** is still rife.

Tick toxicosis

A few cases of **sweating sickness** and **tick paralysis** were reported.

Venereal diseases

There is no light in the tunnel when it comes to **trichomonosis**. This disease is robbing the cattle industry from millions of Rands as calving percentages drop significantly. Other diseases that were reported are **vibriosis** and **pizzle disease**.

Insect transmitted diseases

The incidence of these diseases usually drops towards winter. However due to the finding that ticks also transmit **lumpy skin disease** the incidence of this disease is still high. Numbers of **three day stiff sickness** and **blue tongue** decreased.

Viral diseases

The following viral diseases were reported: **Bovine malignant catarrh** (snotsiekte), **infectious bovine rhinotracheitis** (IBR), **bovine viral diarrhoea** (BVD), **enzootic bovine leucosis** (EBL), **warts**, **orf**, **rabies** and **jaagsiekte**.

Bacterial diseases

Bovine brucellosis: All of us have to work together to control this zoonotic disease.

Other diseases caused by bacteria were reported: **colibacillosis**, **salmonellosis**, **blackquarter**, **swelled head**, **red gut**, **blood gut**, **pulpy kidney**, **botulism**, **tetanus** and **pasteurellosis**.

Toxicities

The following poisonings were reported: cardiac glycoside poisonings, Cestrum, Cynanchum, facial eczema, geeldikkop, kikuyu, Lantana, soya, ergot, organophosphate, oats poisoning, Klaaslouwbos, prussic acid, rye grass, Senecio, tulip, water contamination, urea and blue green algae.

Nutritional deficiencies

The following deficiencies were reported: energy, protein, phosphate, calcium, copper, zinc, selenium, manganese, vitamin A and vitamin B 1.

Multifactorial diseases and conditions

The following were reported: abortions, abscesses, bladder stones, bloat, blue udder, diarrhoea, eye cancer, ophthalmia, joint ill, lameness, pneumonia, mastitis and navel ill.

Metabolic conditions

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

Reproductive disorders

The following were reported: Dystocias, metritis, poor conception, retained afterbirths and prolapses.

For details on diseases and conditions read the full report.

It is recommended that this report is discussed with your veterinarian to update management programmes if necessary.

DISEASE DISTRIBUTION REPORT AS REPORTED BY VETERINARIANS


rep_disease_sum	vetprac	
Month:	May 2014 	

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<u>Internal Parasites</u>	Roundworms in general , Resistant Round Worms , Wireworm , Brown stomach-worm , Eye worm (Thelazia rhodesii) , Tape Worms , Parafilaria , Liver fluke , Conical Flukes , Cysticercosis
<u>External Parasites</u>	Blue ticks , Resistant blue Ticks , Heartwater (Bont) ticks , Brown ear-ticks , Bont-legged ticks , Red-legged ticks , Paralysis ticks , Biting lice (red lice) , Sucking lice (blue lice) , Mange Mites , Nuisance Flies , Blowflies , Screw-worm , Nasal bot larvae , Midges
<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 , Blue tongue
<u>Venereal Diseases</u>	Trichomonosis , Vibriosis , Pizzle disease

<u>Bacterial Disease (other)</u>	Blackquarter , Pulpy Kidney , Swelled head disease , Redgut (cattle) , Blood gut (Sheep) , Tetanus , Botulism , Salmonellosis , Brucella abortus , Brucella ovis , Johnes` disease , Septicaemia , Enzootic Abortion , E.coli , Dermatophilosis (Lumpy Wool)
<u>Protozoal diseases (other)</u>	Coccidiosis
<u>Fungal diseases</u>	Ringworm
<u>Viral Diseases (other)</u>	BMC , Rabies , BVD (Bovine viral diarrhoea) , IBR (Infectious bovine rhinotracheitis) , Enzootic Bovine Leucosis (EBL) , Jaagsiekte , Orf , Warts
<u>Poisonings (Plant)</u>	Cardiac glycoside poisoning , Cestrum , Cynanchum poisoning , Facial eczema , Geeldikkop/Dikoor , Kikuyu poisoning , Lantana , Other , Prussic acid poisoning , Rye grass poisoning , Seneciosis , Tulip Poisoning
<u>Poisonings</u>	Water contamination , Urea Poisoning , Hypo , Blue-green algae
<u>Macro Nutritional Problems</u>	Energy deficiency , Protein deficiency , Phosphate deficiency , Calcium deficiency
<u>Micro Nutritional Problems</u>	Copper deficiency , Zinc deficiency , Selenium deficiency , Manganese deficiency , Vitamin A deficiency , Vitamin B deficiency
<u>Multi-factorial Disease Conditions</u>	Abortions , Abscesses , Abscesses in general , Bladder stones , Blindness , Bloat , Blood gut (sheep and goat) , Blue udder , Diarrhoea , Eye Cancer , Eye infections , Joint Ill , Lameness/Foot Problems , Lung infection , Mastitis in general , Navel Ill , Redgut (Sheep)
<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>	Lightning
<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	1.7 (9)	2.6 (5)		2.0 (1)	2.1 (17)	2.1 (16)	2.4 (8)	2.3 (6)	1.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		3.0 (1)			1.3 (3)	1.7 (3)		1.0 (1)	
Dairy							2.0 (1)	1.0 (1)	
Sheep	1.7 (6)	2.3 (3)		2.0 (1)	2.3	2.1 (8)	2.3 (4)	3.0 (4)	

				(13)			
Goat	1.7 (3)	3.0 (1)		2.0 (1)	2.4 (5)	2.7 (3)	1.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniek

Sheep: 1

Bethal, Bethal Dierekliniek

Sheep: 2

Ermelo, Joubertstraat Dierekliniek

Sheep: 3

Lydenburg, Lydenburg Dieresprekkamer

Sheep: 1

Middelburg, Middelburg Dierehospitaal

Goat: 2

Nelspruit, Nelspruit Animal Hospital

Goat: 2

Piet Retief, Pets Vet Hospital

Sheep: 1, Goat: 1

Standerton, Econovet

Sheep: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 2

Krugersdorp, Veearts Netwerk

Beef: 3

Most problems ever

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 3, Goat: 3

North West

Christiana, Christiana Dierehospitaal

Sheep: 2

Free State

Bloemfontein, Dr Stephan Wessels

Sheep: 3

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1, Sheep: 2

Bultfontein, Greylingrust Dieresprekkamer

Sheep: 2

Clocolan, Clocolan Dierekliniek

Sheep: 3

Frankfort, Frankfort Dierekliniek

Sheep: 3

Harrismith, Harrismith Dierehospitaal

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 1, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2, Goat: 2

Parys, Parys Dierehospitaal

Sheep: 1

Viljoenskroon, Viljoenskroon Dierekliniek

Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap
Sheep: 2
Vrede, Saulshoek Dierepraktyk
Beef: 2
Weaner calves not dewormed
Sheep: 3
Wesselsbron, Wesselsbron Dierekliniek
Sheep: 1
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Sheep: 1
Camperdown, Camperdown Vet Clinic
Beef: 1
Estcourt, Estcourt Vet Clinic
Sheep: 2, Goat: 2
Howick, Howick Veterinary Clinic
Sheep: 3, Goat: 3
Kokstad, E.G.Veterinary Services
Beef: 3, Sheep: 3, Goat: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 1, Sheep: 2, Goat: 2
Pietermaritzburg, Richmond Veterinary Clinic
Sheep: 2, Goat: 2
Underberg, Underberg Veterinary Surgery
Sheep: 2
Vryheid, Dr GH Theron
Sheep: 2
Eastern Cape
Graaff-Reinet, Camdeboo Veterinary Clinic
Sheep: 2
Aberdeen, Graaff-Reinet, Willowmore
Goat: 2
Aberdeen, Graaff-Reinet, Willowmore
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 3
Perennial problems
Goat: 3
Perennial problems
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2, Sheep: 3
Middelburg (EC), Steynsburg Dierehospitaal
Sheep: 1
Stutterheim, Stutterheim Veterinary Clinic
Goat: 3
Diarrhoea in goats due to brown stomach worm infestation - hypoproteinaemia and deaths
Western Cape
Beaufort West, Beaufort West State Vet
Sheep: 3
Caledon, Overberg Veterinary Hospital
Sheep: 3
George, George Animal Hospital
Sheep: 3
Heidelberg WC, Heidelberg Dierekliniek
Beef: 1, Dairy: 1, Sheep: 3

Northern Cape									
Kimberley, Kimberley Dierekliniek									
Goat: 1									
Resistant Round Worms									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (4)	1.3 (3)			1.8 (5)	2.2 (5)	1.8 (4)	3.0 (3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep	2.0 (2)	1.5 (2)			1.8 (5)	2.0 (3)	2.0 (2)	3.0 (3)	
Goat	2.0 (2)	1.0 (1)				2.5 (2)	1.5 (2)		
Mpumalanga									
Bethal, Bethal Dierekliniek									
Sheep: 1									
Ermelo, Joubertstraat Dierekliniek									
Sheep: 3									
Middelburg, Middelburg Dierehospitaal									
Goat: 2									
Nelspruit, Nelspruit Animal Hospital									
Goat: 2									
Farm overstocked with high environmental infestation									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 1									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 2									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Goat: 1									
Free State									
Bloemfontein, Dr Stephan Wessels									
Sheep: 3									
Anthelmintic resistance on 3 farms									
Clocolan, Clocolan Dierekliniek									
Sheep: 2									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 1									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 1									
Kwazulu-Natal									
Howick, Howick Veterinary Clinic									
Sheep: 3, Goat: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Sheep: 2, Goat: 2									
Vryheid, Dr GH Theron									
Sheep: 1									
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									

Goat: 1
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 2
Somerset East, Bosberg Veterinary Clinic
Sheep: 2, Goat: 2
Western Cape
Beaufort West, Beaufort West State Vet
Sheep: 3
Widespread resistance in the Karoo, especially wireworm, can be seen at post mortem. Faecal samples also show high egg counts of long-necked bankruptworm. Coccidiosis were also seen in some cases. The worms do not only affect animals on fields, vleis or river beds but also in extensive conditions on the veld. The large amount of animals affected is probably due to good rains that fell in spring.
George, George Animal Hospital
Sheep: 3
Malmesbury, Malmesbury Dierehospitaal
Sheep: 3

Wireworm									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (4)			2.0 (1)	2.1 (9)	2.0 (4)	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	1.0 (1)				1.0 (1)				
Dairy					1.0 (1)				
Sheep	1.5 (2)			2.0 (1)	2.4 (7)	2.0 (3)	2.0 (2)	2.0 (2)	
Goat	1.0 (1)					2.0 (1)	3.0 (1)		

Mpumalanga
Bethal, Bethal Dierekliniek
Sheep: 2
Nelspruit, Nelspruit Animal Hospital
Beef: 1
Relocation of weaner animals to new farm. Suspect stress conditions and malnutrition as contributing factors
Piet Retief, Pets Vet Hospital
Sheep: 1, Goat: 1
North West
Rustenburg, Protea Dierekliniek
Sheep: 2
Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
Sheep: 2
A few farms still have problems with wireworm. Autumn treatment was not given to sheep.
Bultfontein, Greylingrust Diersprekkamer
Sheep: 2
Frankfort, Frankfort Dierekliniek
Sheep: 3
Hoopstad, Hoopstad Dierekliniek
Beef: 1, Dairy: 1, Sheep: 3
Reitz, Riemland Dierekliniek
Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap
Sheep: 2
Wesselsbron, Wesselsbron Dierekliniek
Sheep: 3
Wireworm infestations are still a huge problem. Especially in sheep of clients where they were buying ineffective anthelmintics from co-ops
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Sheep: 2
Mtubatuba, Mtubatuba Animal Clinic
Sheep: 2, Goat: 2
Underberg, Underberg Veterinary Surgery
Sheep: 2
Numerous sheep with bottle jaw.
Eastern Cape
Jeffreys Bay, Cape Cross Veterinary Hospital
Sheep: 1
Somerset East, Bosberg Veterinary Clinic
Sheep: 3, Goat: 3
Western Cape
Riversdal, Riversdal Dierekliniek
Sheep: 3
Swellendam, Swellendam Dierehospitaal
Sheep: 1

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

Sheep					1.0 (1)			3.0 (2)	
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Free State
Hoopstad, Hoopstad Dierekliniek
Sheep: 1
Western Cape
Heidelberg WC, Heidelberg Dierekliniek
Sheep: 3
Malmesbury, Malmesbury Dierehospitaal
Sheep: 3

Eye worm (<i>Thelazia rhodesii</i>)									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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

Beef**2.0 (2)****Free State****Bothaville, Cape Cross Bothaville Veterinary Hospital**

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 2

Tape Worms

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.4 (5)	1.0 (1)			2.0 (8)	1.7 (3)	2.0 (2)	3.0 (2)	

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

Beef	1.5 (2)	1.0 (1)			1.0 (1)	2.0 (1)		3.0 (1)	
Sheep	1.3 (3)				2.1 (7)	2.0 (1)	2.0 (2)	3.0 (1)	
Goat						1.0 (1)			

Mpumalanga**Bethal, Bethal Dierekliniek**

Beef: 2

Ermelo, Môregloed Veterinêre Spreekkamer

Sheep: 1

Piet Retief, Pets Vet Hospital

Beef: 1, Sheep: 1

Standerton, Econovet

Sheep: 2

Gauteng**Bapsfontein, Bapsfontein Dierehospitaal**

Beef: 1

Free State**Bloemfontein, Dr Stephan Wessels**

Sheep: 3

Clocolan, Clocolan Dierekliniek

Sheep: 3

Frankfort, Frankfort Dierekliniek

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 1

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

Reitz, Riemland Dierekliniek

Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 1, Sheep: 2

Kwazulu-Natal**Mtubatuba, Mtubatuba Animal Clinic**

Goat: 1

Underberg, Underberg Veterinary Surgery

Beef: 2, Sheep: 2

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic									
Sheep: 3									
Somerset East, Bosberg Veterinary Clinic									
Sheep: 1									
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Beef: 3, Sheep: 3									
Parafilaria									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						2.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef						2.0 (1)			
Kwazulu-Natal									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Liver fluke									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (4)				1.7 (9)	2.2 (6)	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	1.8 (4)				1.8 (5)	2.5 (4)	1.0 (1)	3.0 (1)	
Dairy					2.0 (2)	1.0 (1)	1.0 (1)		
Sheep					1.0 (2)	2.0 (1)			
Mpumalanga									
Bethal, Bethal Dierekliniek									
Beef: 2									
Ermelo, Mōregloed Veterinêre Spreekkamer									
Beef: 1									
Nelspruit, Nelspruit Animal Hospital									
Beef: 1									
Standerton, Econovet									
Beef: 3									
Free State									
Bethlehem, Bethlehem Animal Hospital									
Dairy: 2									
20 cows on one farm with heavy infestation									
Frankfort, Frankfort Dierekliniek									
Dairy: 2									
Memel, Memel Veterinary Clinic									
Beef: 1, Sheep: 1									
Parys, Parys Dierehospitaal									

Beef: 2
Reitz, Riemland Dierekliniek
Beef: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 1, Sheep: 1
Vrede, Saulshoek Dierepraktyk
Beef: 3
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Dairy: 1
Kokstad, E.G.Veterinary Services
Beef: 2, Sheep: 2
Newcastle, Ncandovet Newcastle
Beef: 2
Underberg, Underberg Veterinary Surgery
Beef: 3
Drenching for liver fluke in cattle.
Vryheid, Dr GH Theron
Beef: 3
Eastern Cape
Aliwal North, Uitspan C Troskie
Beef: 1
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 1
Western Cape
Riversdal, Riversdal Dierekliniek
Beef: 3

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)			2.0 (1)	2.3 (10)	1.6 (5)	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	1.5 (4)				2.4 (5)	1.3 (4)			
Dairy					2.0 (1)		2.0 (2)		
Sheep				2.0 (1)	2.3 (4)		1.0 (1)		
Goat						3.0 (1)	1.0 (1)		

Mpumalanga
Bethal, Bethal Dierekliniek
Beef: 1
Ermelo, Môregloed Veterinêre Spreekkamer
Beef: 1
Piet Retief, Pets Vet Hospitaal
Beef: 1
Standerton, Econovet
Beef: 3
North West
Stella, Stella Dierekliniek

Sheep: 2									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 1									
Frankfort, Frankfort Dierekliniek									
Beef: 3, Dairy: 2									
Harrismith, Harrismith Dierehospitaal									
Sheep: 2									
Two farms with mortalities and numerous sick animals									
Hoopstad, Hoopstad Dierekliniek									
Beef: 2, Sheep: 2									
Memel, Memel Veterinary Clinic									
Beef: 3, Sheep: 3									
Vrede, Saulshoek Dierepraktyk									
Beef: 3									
Zastron, Zastron Dierekliniek									
Sheep: 2									
Kwazulu-Natal									
Howick, Howick Veterinary Clinic									
Goat: 3									
Kokstad, E.G.Veterinary Services									
Beef: 1									
Newcastle, Ncandovet Newcastle									
Beef: 1									
Pietermaritzburg, Richmond Veterinary Clinic									
Beef: 1									
Vryheid, Dr GH Theron									
Beef: 2									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Dairy: 2									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 2									
Middelburg (EC), Steynsburg Dierehospitaal									
Goat: 1									
Somerset East, Bosberg Veterinary Clinic									
Sheep: 1									
Cysticercosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)	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	3.0 (1)	1.0 (1)			1.0 (2)				
Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3									
Seen at abattoir during meat inspection. All animals originate from feedlots on the Highveld. Suspect poor hygiene measures at some of the feedlots.									

Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 1
Free State
Reitz, Riemland Dierekliniek
Beef: 1
Winburg, Winburg Dierekliniek
Beef: 1

External Parasites

Blue ticks ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (9)	2.0 (1)	2.5 (2)	3.0 (3)	2.5 (13)	2.5 (17)	2.4 (5)	2.3 (6)	

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

Beef	2.1 (7)	2.0 (1)	2.5 (2)	3.0 (3)	2.5 (10)	2.4 (14)	2.3 (4)	2.5 (4)	
Dairy	1.5 (2)				2.5 (2)	2.0 (1)	3.0 (1)	2.0 (1)	
Sheep					2.0 (1)	3.0 (1)		2.0 (1)	
Goat						3.0 (1)			

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Bethal, Bethal Dierekliniek
Beef: 2
Ermelo, Joubertstraat Dierekliniek
Beef: 2
Lydenburg, Lydenburg Dieresprekkamer
Beef: 2
Middelburg , Middelburg Dierehospitaal
Beef: 3
Even after the first severe frost, cattle still have many ticks
Nelspruit, Nelspruit Animal Hospital
Dairy: 1
Piet Retief, Pets Vet Hospital
Beef: 2, Dairy: 2
Volksrust, Volksrust Dierehospitaal
Beef: 3
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2
Limpopo
Mokopane, Dr Henk Visser
Beef: 2
Polokwane, Pietersburg Veterinary Clinic
Beef: 3
Numerous outbreaks - common in May.

North West
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3
Schweizer-Reneke, NJ Heyns
Beef: 3
Stella, Stella Dierekliniek
Beef: 3
Free State
Bethlehem, Bethlehem Animal Hospital
Beef: 3
Severe late infestation
Bloemfontein, Dr Stephan Wessels
Beef: 3
Frankfort, Frankfort Dierekliniek
Beef: 2, Dairy: 2
Harrismith, Harrismith Dierehospitaal
Beef: 3
Some rainfall in early May - severe outbreak of blue ticks
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 2
Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 3
Memel, Memel Veterinary Clinic
Beef: 1
Parys, Parys Dierehospitaal
Beef: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2
Winburg, Winburg Dierekliniek
Beef: 3
Three cattle died of anaemia where a home made ectoparasiticide was used.
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 2
Camperdown, Camperdown Vet Clinic
Beef: 2
Dundee, Mpati Veterinary Clinic
Beef: 3, Sheep: 3, Goat: 3
Estcourt, Estcourt Vet Clinic
Beef: 2, Dairy: 2
Greytown, Greytown Veterinary Hospital
Beef: 2
Tick overburden - 2 cows, 2 weaners died. Negative bloodsmears, severe anaemia - Very warm winter and the ticks are loving it.
Howick, Howick Veterinary Clinic
Beef: 3
Ingogo, Gen XY Stud Beef Consultancy
Beef: 3
Kokstad, E.G.Veterinary Services
Beef: 1
Mooi River, Mooirivier Vet Clinic
Beef: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 1

Pietermaritzburg, Richmond Veterinary Clinic
Beef: 3
Underberg, Underberg Veterinary Surgery
Beef: 3
Underberg, Waterford Farm, Underberg
Beef: 3
Late rise in tick numbers
Vryheid, Dr GH Theron
Beef: 3
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 2, Dairy: 3
Aliwal North, Uitspan C Troskie
Beef: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Beef: 2
Somerset East, Bosberg Veterinary Clinic
Beef: 3
Western Cape
George, George Animal Hospital
Beef: 3
Heidelberg WC, Heidelberg Dierekliniek
Dairy: 2, Sheep: 2
Malmesbury, Malmesbury Dierehospitaal
Beef: 2
Riversdal, Riversdal Dierekliniek
Beef: 3
Swellendam, Swellendam Dierehospitaal
Beef: 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					1.0 (1)	2.0 (2)			

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

Beef					1.0 (1)	2.0 (2)			
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Free State
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 1
Kwazulu-Natal
Pietermaritzburg, Richmond Veterinary Clinic
Beef: 2
Vryheid, Dr GH Theron
Beef: 2

Heartwater (Bont) ticks									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.5 (2)	2.0 (1)	3.0 (1)	1.8 (9)	2.6 (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	1.5 (2)		3.0 (1)	1.8 (6)	2.5 (2)
Dairy					2.0 (1)
Sheep		2.0 (1)			3.0 (1)
Goat				1.7 (3)	3.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniiek

Beef: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Always present although not as prevalent as in summer. Animals still have to be dipped 2-4 weekly in winter to control tick burdens.

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

North West

Stella, Stella Dierekliniiek

Beef: 3

Kwazulu-Natal

Dundee, Mpati Veterinary Clinic

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 1, Goat: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Pietermaritzburg, Richmond Veterinary Clinic

Beef: 2

Pongola, Pongola Animal Clinic

Beef: 2, Goat: 2

Vryheid, Dr GH Theron

Beef: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2, Dairy: 2

Somerset East, Bosberg Veterinary Clinic

Beef: 3, Sheep: 3, Goat: 3

Brown ear-ticks



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

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

Beef	1.0 (1)			3.0 (1)	1.0 (1)	1.5 (2)			
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Mpumalanga

Ermelo, Môregloed Veterinêre Spreekkamer
Beef: 1
North West
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3
Free State
Reitz, Riemland Dierekliniek
Beef: 1
Kwazulu-Natal
Pongola, Pongola Animal Clinic
Beef: 2
Underberg, Underberg Veterinary Surgery
Beef: 1

Bont-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 (2)	2.5 (11)	1.0 (1)	3.0 (2)	1.0 (1)	

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

Beef				2.0 (2)	2.7 (6)	1.0 (1)		1.0 (1)	
Dairy					2.0 (1)				
Sheep					2.7 (3)		3.0 (1)		
Goat					2.0 (1)		3.0 (1)		

North West
Christiana, Christiana Dierehospitaal
Beef: 1
Stella, Stella Dierekliniek
Beef: 3
Free State
Bultfontein, Greylingrust Dieresprekkamer
Beef: 2
Clocolan, Clocolan Dierekliniek
Beef: 3
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 2, Sheep: 2, Goat: 2
Parys, Parys Dierehospitaal
Beef: 2
Wesselsbron, Wesselsbron Dierekliniek
Beef: 3
Throughout the year a problem
Sheep: 3
Throughout the year a problem
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 1
Eastern Cape

Middelburg (EC), Steynsburg Dierehospitaal									
Sheep: 3, Goat: 3									
Western Cape									
Malmesbury, Malmesbury Dierehospitaal									
Beef: 1									
Red-legged ticks									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)			2.0 (2)	2.7 (3)	2.0 (5)	2.5 (4)	2.0 (3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	3.0 (1)			2.0 (2)	2.5 (2)	2.0 (3)	2.0 (2)	1.0 (1)	
Dairy								2.0 (1)	
Sheep					3.0 (1)	2.0 (1)	3.0 (1)	3.0 (1)	
Goat						2.0 (1)	3.0 (1)		
Mpumalanga									
Volksrust, Volksrust Dierehospitaal									
Beef: 3									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 1									
Stella, Stella Dierekliniek									
Beef: 3									
Free State									
Bultfontein, Greylingrust Dieresprekkamer									
Beef: 2									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3, Sheep: 3									
Kwazulu-Natal									
Dundee, Mpati Veterinary Clinic									
Beef: 2									
Pietermaritzburg, Richmond Veterinary Clinic									
Beef: 2, Sheep: 2, Goat: 2									
Underberg, Underberg Veterinary Surgery									
Beef: 2									
Eastern Cape									
Middelburg (EC), Steynsburg Dierehospitaal									
Beef: 1									
Somerset East, Bosberg Veterinary Clinic									
Beef: 3, Sheep: 3, Goat: 3									
Western Cape									
Heidelberg WC, Heidelberg Dierekliniek									
Dairy: 2									
Malmesbury, Malmesbury Dierehospitaal									
Beef: 1									
Riversdal, Riversdal Dierekliniek									
Sheep: 3									
Paralysis ticks									^

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

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

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

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 1

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Sheep: 1

Eastern Cape

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 2

Biting lice (red lice) [^](#)

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

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

Beef	1.5 (2)				1.8 (4)				
Sheep	2.0 (1)				2.0 (1)	2.0 (1)	2.0 (1)		
Goat							1.5 (2)		

Mpumalanga

Ermelo, Joubertstraat Dierekliniek

Beef: 1

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 2, Sheep: 2

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Kroonstad, Kroonstad Dierehospitaal

Beef: 3, Sheep: 2

Parys, Parys Dierehospitaal

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 1

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Sheep: 2

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2, Goat: 2

Somerset East, Bosberg Veterinary Clinic

Goat: 1

Sucking lice (blue lice) ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				2.5 (2)	1.3 (3)	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				2.5 (2)	1.3 (3)				
Sheep						1.0 (1)	1.0 (1)		
Goat							1.0 (1)		

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Schweizer-Reneke, NJ Heyns

Beef: 2

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Sheep: 1

Eastern Cape

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 1

Foot louse

Somerset East, Bosberg Veterinary Clinic

Goat: 1

Mange Mites ^

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

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

Beef					1.0 (1)				
Goat						1.0 (1)			

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Goat: 1

Nuisance Flies

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

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

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

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 3

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 2

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Underberg, Underberg Veterinary Surgery

Beef: 3

Flies should decline after frost but there are still high numbers.

Sheep: 3

Western Cape

Swellendam, Swellendam Dierehospitaal

Beef: 2

Blowflies

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)	3.0 (2)	

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

Sheep					1.0 (1)	1.0 (1)	2.0 (1)	3.0 (2)	
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Free State

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Kwazulu-Natal

Underberg, Underberg Veterinary Surgery

Sheep: 1

Eastern Cape

Somerset East, Bosberg Veterinary Clinic

Sheep: 2

Western Cape

Heidelberg WC, Heidelberg Dierekliniek

Sheep: 3

Malmesbury, Dr Otto Kriek

Sheep: 3

Screw-worm									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)		2.3 (3)	1.5 (2)		2.0 (3)	1.5 (2)		

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

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

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Any external wound results in infestation with maggots.

Limpopo

Machado, Blouberg Direkliniek

Beef: 3

Mokopane, Dr Henk Visser

Beef: 2, Sheep: 2

North West

Swartruggens, Swartruggens Veterinary Clinic

Beef: 2, Goat: 1

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Sheep: 2, Goat: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 2

Somerset East, Bosberg Veterinary Clinic

Sheep: 1

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

Limpopo

Machado, Blouberg Direkliniek

Sheep: 3, Goat: 3

Free State									
Reitz, Riemland Dierekliniek									
Sheep: 3									
Kwazulu-Natal									
Mtubatuba, Mtubatuba Animal Clinic									
Sheep: 2									

Midges ^

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

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

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

Mpumalanga									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 2, Sheep: 2									
Free State									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 2									
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Sheep: 2									
Aberdeen, Klipplaat									
Western Cape									
Oudtshoorn, Oudtshoorn Dierekliniek									
Beef: 1									

Tick-borne Diseases

African red water ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (4)	2.0 (1)	3.0 (1)		1.7 (6)	2.2 (9)	2.0 (4)	3.0 (2)	

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

Beef	1.5 (4)	2.0 (1)	3.0 (1)		1.7 (6)	2.3 (8)	1.5 (2)	3.0 (1)	
Dairy						2.0 (1)	2.5 (2)	3.0 (1)	

Mpumalanga									
Bethal, Bethal Dierekliniek									
Beef: 2									
Ermelo, Joubertstraat Dierekliniek									
Beef: 1									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 1									

Standerton, Econovet

Beef: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2

Limpopo

Machado, Blouberg Dierekliniek

Beef: 3

Even after heavy frost cases still occur.

Free State

Frankfort, Frankfort Dierekliniek

Beef: 2

Harrismith, Harrismith Dierehospitaal

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Memel, Memel Veterinary Clinic

Beef: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Vrede, Saulshoek Dierepraktyk

Beef: 2

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Beef: 1, Dairy: 2

Howick, Howick Veterinary Clinic

Beef: 3

Ingogo, Gen XY Stud Beef Consultancy

Beef: 2

Kokstad, E.G.Veterinary Services

Beef: 2

Pietermaritzburg, Dr Rick Mapham Consultancy

Beef: 1

Pietermaritzburg, Richmond Veterinary Clinic

Beef: 3

Underberg, Underberg Veterinary Surgery

Beef: 3

On going as stress (poor nutrition) drops cows' immunity? We still have a tick challenge

Vryheid, Dr GH Theron

Beef: 3

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Beef: 2, Dairy: 2

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 3

Somerset East, Bosberg Veterinary Clinic

Beef: 1

Western Cape

George, George Animal Hospital

Beef: 3

Heidelberg WC, Heidelberg Dierekliniek

Dairy: 3

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)	2.3 (7)	2.0 (4)	3.0 (2)	

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

Beef	2.0 (1)	2.0 (1)	1.0 (2)		2.0 (4)	2.3 (6)	2.0 (1)	3.0 (2)	
Dairy						2.0 (1)	2.0 (3)		

Mpumalanga									
Middelburg , Middelburg Dierehospitaal									
Beef: 2									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2									
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 1									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 1									
Free State									
Frankfort, Frankfort Dierekliniek									
Beef: 1									
Harrismith, Harrismith Dierehospitaal									
Beef: 2									
Five cattle died in spite of sms's sent to farmers to treat their animals.									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Winburg, Winburg Dierekliniek									
Beef: 3									
8 Nguni cattle died per acutely									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Beef: 2									
Estcourt, Estcourt Vet Clinic									
Beef: 2, Dairy: 2									
Kokstad, E.G.Veterinary Services									
Beef: 2									
Mooi River, Mooirivier Vet Clinic									
Beef: 3									
Underberg, Underberg Veterinary Surgery									
Beef: 3									
On going as stress (poor nutrition) drops cows' immunity? We still have a tick challenge.									
Vryheid, Dr GH Theron									
Beef: 2									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Dairy: 3									
Outbreaks on 4 farms after tick explosion due to hot weather. Acute deaths, swelling of spleen leading to rupture.									
Humansdorp, Humansdorp Veterinary Clinic									
Beef: 2, Dairy: 2									
Jeffreys Bay, Cape Cross Veterinary Hospital									

Dairy: 1
Western Cape
Riversdal, Riversdal Dierekliniek
Beef: 3
Swellendam, Swellendam Dierehospitaal
Beef: 3

Anaplasmosis									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			1.0 (2)	2.0 (1)	1.9 (15)	2.1 (9)	1.8 (4)	2.7 (6)	

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

Beef			1.0 (2)	2.0 (1)	2.0 (13)	2.1 (8)	1.5 (2)	2.6 (5)	
Dairy					1.5 (2)	2.0 (1)	2.0 (2)	3.0 (1)	

Limpopo
Machado, Blouberg Dierekliniek
Beef: 1
Mokopane, Dr Henk Visser
Beef: 1
North West
Christiana, Christiana Dierehospitaal
Beef: 2
Free State
Bethlehem, Bethlehem Animal Hospital
Beef: 2, Dairy: 1
Bloemfontein, Dr Stephan Wessels
Beef: 2
Five cases on different farms
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 2
Bultfontein, Greylingrust Diersprekkamer
Beef: 1
Clocolan, Clocolan Dierekliniek
Beef: 3
Frankfort, Frankfort Dierekliniek
Beef: 2
Harrismith, Harrismith Dierehospitaal
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 2
Memel, Memel Veterinary Clinic
Beef: 1
Reitz, Riemland Dierekliniek
Beef: 3, Dairy: 2
Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2
Wesselsbron, Wesselsbron Dierekliniek
Beef: 1
Kwazulu-Natal
Dundee, Mpati Veterinary Clinic
Beef: 2
Estcourt, Estcourt Vet Clinic
Beef: 2, Dairy: 2
Howick, Howick Veterinary Clinic
Beef: 3
Ingogo, Gen XY Stud Beef Consultancy
Beef: 2
Kokstad, E.G.Veterinary Services
Beef: 2
Pietermaritzburg, Richmond Veterinary Clinic
Beef: 2
Pongola, Pongola Animal Clinic
Beef: 1
Underberg, Underberg Veterinary Surgery
Beef: 3
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 2
Tick borne anaplasmosis outbreaks statistically at its peak in April and first half of May.
Humansdorp, Humansdorp Veterinary Clinic
Beef: 2, Dairy: 2
Somerset East, Bosberg Veterinary Clinic
Beef: 1
Western Cape
George, George Animal Hospital
Beef: 3
Malmesbury, Malmesbury Dierehospitaal
Beef: 3, Dairy: 3
Plettenberg Bay, Plettenbergbaai A Reitz
Beef: 3
Anaplasmosis outbreak, 15 cases on a farm, 4 died.
Riversdal, Riversdal Dierekliniek
Beef: 3
Stellenbosch, Stellenbosch Animal Hospital
Beef: 1

Heartwater									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)	1.3 (4)	2.3 (4)	1.8 (6)		1.6 (7)	1.7 (3)		

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

Beef	1.5 (2)	1.0 (1)	1.5 (2)	2.0 (3)		1.7 (3)	2.0 (1)		
Dairy							1.0 (1)		
Sheep		1.5 (2)	3.0 (1)	1.5 (2)			2.0 (1)		
Goat		1.0 (1)	3.0 (1)	2.0 (1)		1.5 (4)			

Sweating Sickness									
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Cattle were taken to Steelpoort and after months brought back. Cattle were treated on arrival but bont ticks survived. Some of these ticks infected bulls on the farm and 3 died. The prevalence of bont ticks are monitored - usually they do not survive severe winters.									
Nelspruit, Nelspruit Animal Hospital									
Beef: 2									
Young calves about 3 months old: suspect low exposure to bont ticks due to winter conditions with no immuno-conversion.									
Gauteng									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 2									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 1, Sheep: 1, Goat: 1									
Limpopo									
Machado, Blouberg Dierekliniek									
Sheep: 3, Goat: 3									
Mokopane, Dr Henk Visser									
Beef: 1									
Tzaneen, Tzaneen Dierekliniek									
Beef: 2									
North West									
Christiana, Christiana Dierehospitaal									
Sheep: 1									
Rustenburg, Protea Dierekliniek									
Beef: 1									
Heartwater not a big problem in May.									
Stella, Stella Dierekliniek									
Beef: 3									
Swartruggens, Swartruggens Veterinary Clinic									
Beef: 2, Sheep: 2, Goat: 2									
Kwazulu-Natal									
Camperdown, Camperdown Vet Clinic									
Beef: 1, Goat: 1									
Estcourt, Estcourt Vet Clinic									
Goat: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2, Goat: 2									
Pongola, Pongola Animal Clinic									
Goat: 2									
Vryheid, Dr GH Theron									
Beef: 2									
Eastern Cape									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 1									
Somerset East, Bosberg Veterinary Clinic									
Beef: 2, Sheep: 2									
Sweating Sickness									
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)
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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)	1.0 (2)
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Limpopo			
Mokopane, Dr Henk Visser			
Beef: 1			
North West			
Christiana, Christiana Dierehospitaal			
Beef: 1			
Free State			
Bothaville, Cape Cross Bothaville Veterinary Hospital			
Beef: 1			
Hoopstad, Hoopstad Dierekliniek			
Beef: 1			

Corridor disease ^

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									
Pongola, Pongola Animal Clinic									
Beef: 3									
B,O,W 3: Theileriosis now endemic. Bovine cases most likely Corridor Disease (<i>T. parva lawrencei</i>) or <i>T. parva bovis</i> ??, however Buffalo died from Theileriosis resembling <i>T. parva parva</i> (East Coast Fever) showing high intra-erythrocyte parasitaemia. Unfortunately lab cannot identify species. Samples for Reverse-line Block ready to be submitted once lab that can do RLB has been found or authorization has been received for submission.									

Insect Transmittable Diseases

Lumpy skin disease ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.8 (9)	1.0 (1)	2.0 (3)		1.3 (6)	1.8 (5)		2.0 (5)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.9 (8)	1.0 (1)	2.0 (3)		1.3 (6)	1.8 (5)		2.0 (4)	
Dairy	1.0 (1)							2.0 (1)	

Mpumalanga									
Balfour, Balfour Dierekliniek									

Beef: 2

Bethal, Bethal Dierekliniek

Beef: 1

Ermelo, Joubertstraat Dierekliniek

Beef: 1

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 3

Widespread, severe outbreaks

Middelburg , Middelburg Dierehospitaal

Beef: 3

Piet Retief, Pets Vet Hospital

Beef: 2, Dairy: 1

Standerton, Econovet

Beef: 2

Volksrust, Volksrust Dierehospitaal

Beef: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 1

Limpopo

Machado, Blouberg Dierekliniek

Beef: 3

Mokopane, Dr Henk Visser

Beef: 1

Tzaneen, Tzaneen Dierekliniek

Beef: 2

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Reitz, Riemland Dierekliniek

Beef: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Vrede, Saulshoek Dierepraktyk

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Only a few cases - expect more cases next season.

Kwazulu-Natal

Camperdown, Camperdown Vet Clinic

Beef: 1

Dundee, Mpati Veterinary Clinic

Beef: 2

Kokstad, E.G.Veterinary Services

Beef: 1

Pongola, Pongola Animal Clinic

Beef: 3

Clinical cases continuing despite winter

Vryheid, Dr GH Theron

Beef: 2

Western Cape

Ceres, Ceres Veterinary Hospital

Beef: 2

Interesting to have these cases so late in the season. Animals had chronic lesions on the muzzle.

Heidelberg WC, Heidelberg Dierekliniek

Beef: 2, Dairy: 2

Oudtshoorn, Oudtshoorn Dierekliniek

Beef: 1

Sporadic but far into winter, we had a late summer with successive follow up rains 5-10mm at a time giving rise to lush grass and lots of puddles of standing water. This probably caused an increase in numbers of vectors.

Riversdal, Riversdal Dierekliniek

Beef: 3

Outbreak in a herd 70 cattle contracted lumpy skin disease 7 days after vaccination. Farmer used one needle to vaccinate.

Three-day-stiffsickness



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.5 (2)	3.0 (1)	1.0 (2)	1.7 (3)	1.5 (4)	1.7 (3)	2.0 (1)	2.0 (2)	

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

Beef	2.5 (2)	3.0 (1)	1.0 (2)	1.7 (3)	1.5 (4)	1.7 (3)		2.0 (1)	
Dairy							2.0 (1)	2.0 (1)	

Mpumalanga

Bethal, Bethal Dierekliniek

Beef: 3

Piet Retief, Pets Vet Hospital

Beef: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 3

Limpopo

Bela-Bela, Warmbad Dierekliniek

Beef: 1

Mokopane, Dr Henk Visser

Beef: 1

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 2

Rustenburg, Protea Dierekliniek

Beef: 2

Less cases than April.

Swartruggens, Swartruggens Veterinary Clinic

Beef: 1

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 2

Bloemfontein, Dr Stephan Wessels

Beef: 2

8 Heifers in the Verkeerdevlei area.

Hoopstad, Hoopstad Dierekliniek

Beef: 1

Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 1
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Beef: 1
Ingogo, Gen XY Stud Beef Consultancy
Beef: 1
Pongola, Pongola Animal Clinic
Beef: 3
Clinical cases continuing despite winter
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2
Western Cape
Malmesbury, Malmesbury Dierehospitaal
Beef: 2, Dairy: 2

Blue tongue									^
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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 (2)		3.0 (1)	2.0 (5)	1.0 (1)	1.8 (5)	3.0 (1)	3.0 (1)

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

Sheep	1.5 (2)	2.0 (2)		3.0 (1)	2.0 (5)	1.0 (1)	1.8 (5)	3.0 (1)	3.0 (1)
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Mpumalanga
Balfour, Balfour Dierekliniek
Sheep: 1
Ermelo, Môregloed Veterinêre Spreekkamer
Sheep: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Sheep: 3
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Sheep: 1
North West
Christiana, Christiana Dierehospitaal
Sheep: 3
Free State
Bultfontein, Greylingrust Dieresprekkamer
Sheep: 2
Hoopstad, Hoopstad Dierekliniek
Sheep: 3
Parys, Parys Dierehospitaal
Sheep: 1
Reitz, Riemland Dierekliniek
Sheep: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Sheep: 2
Kwazulu-Natal
Bergville, Tugela Vet Clinic

Sheep: 1
Eastern Cape
Aliwal North, Uitspan C Troskie
Sheep: 2
Graaff-Reinet, Camdeboo Veterinary Clinic
Sheep: 3
Aberdeen, Graaff-Reinet, Jansenville, Murraysburg
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 2
Fewer cases seen this month
Middelburg (EC), Steynsburg Dierehospitaal
Sheep: 1
Somerset East, Bosberg Veterinary Clinic
Sheep: 1
Western Cape
Beaufort West, Beaufort West State Vet
Sheep: 3
Numerous cases of blue tongue occurred in the Karoo. Low mortality rates and symptomatic treatment led to quick recovery. Cold spells that arrived later than usual led to more cases than usual.

Northern Cape
De Aar, De Aar Veterinary Clinic
Sheep: 3
Isolated cases.

Venereal Diseases

Trichomonosis									^ -
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (8)		2.5 (2)	2.7 (3)	2.3 (12)	1.5 (6)	2.0 (2)	2.0 (1)	

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

Beef	2.0 (8)		2.5 (2)	2.7 (3)	2.5 (11)	1.5 (6)	2.0 (1)	2.0 (1)	
Dairy					1.0 (1)		2.0 (1)		

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Bethal, Bethal Dierekliniek
Beef: 1
Ermelo, Joubertstraat Dierekliniek
Beef: 1
Ermelo, Moregloed Veterinere Spreekkamer
Beef: 3
Several infected herds.
Middelburg, Middelburg Dierehospitaal
Beef: 3
As a result of poor biosecurity measures the incidence of trichomonosis is increasing.
Piet Retief, Pets Vet Hospital

Beef: 3
Standerton, Econovet
Beef: 2
Volksrust, Volksrust Dierehospitaal
Beef: 2
Limpopo
Machado, Blouberg Dierekliniek
Beef: 3
Polokwane, Pietersburg Veterinary Clinic
Beef: 2
North West
Rustenburg, Protea Dierekliniek
Beef: 2
Four bulls positive
Schweizer-Reneke, NJ Heyns
Beef: 3
New cases
Stella, Stella Dierekliniek
Beef: 3
Free State
Bethlehem, Bethlehem Animal Hospital
Beef: 2
Clocolan, Clocolan Dierekliniek
Beef: 3
Frankfort, Frankfort Dierekliniek
Beef: 3
Harrismith, Harrismith Dierehospitaal
Beef: 2
Positive cases still regularly found - on farms where vaccine is used good conception rates were recorded even where 30% of bulls were positive.
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Dairy: 1
Kroonstad, Kroonstad Dierehospitaal
Beef: 3
Parys, Parys Dierehospitaal
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 3
New infections
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 1
Dundee, Mpati Veterinary Clinic
Beef: 2
Estcourt, Estcourt Vet Clinic
Beef: 1
Kokstad, E.G.Veterinary Services
Beef: 2

Underberg, Underberg Veterinary Surgery
Beef: 1
Vryheid, Dr GH Theron
Beef: 2
Eastern Cape
Aliwal North, Uitspan C Troskie
Beef: 2
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 2
Western Cape
George, George Animal Hospital
Beef: 2

Vibriosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)		3.0 (1)	3.0 (1)	2.3 (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	2.0 (1)		3.0 (1)	3.0 (1)	2.3 (4)			1.0 (1)	
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Mpumalanga
Volkstrust, Volkstrust Dierehospitaal
Beef: 2
Limpopo
Machado, Blouberg Dierekliniek
Beef: 3
North West
Stella, Stella Dierekliniek
Beef: 3
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 2
4 New cases in the Wepener and Dewetsdorp area.
Clocolan, Clocolan Dierekliniek
Beef: 3
Parys, Parys Dierehospitaal
Beef: 2
Winburg, Winburg Dierekliniek
Beef: 2
Western Cape
George, George Animal Hospital
Beef: 1

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

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

Sheep	1.0 (1)	3.0 (1)
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Eastern Cape

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 1

Northern Cape

De Aar, De Aar Veterinary Clinic

Sheep: 3

One farm where Dorper rams are heavily infected.

Bacterial Disease (other)

Blackquarter

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (4)	2.0 (1)	1.5 (2)		1.7 (10)	1.8 (4)			1.0 (1)

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

Beef	1.5 (4)	2.0 (1)	1.5 (2)		1.9 (8)	1.8 (4)			1.0 (1)
Sheep					1.0 (2)				

Mpumalanga

Bethal, Bethal Dierkliniek

Beef: 2

Lydenburg, Lydenburg Dieresprekkamer

Beef: 1

Middelburg, Middelburg Dierehospitaal

Beef: 1

Standerton, Econovet

Beef: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2

Limpopo

Machado, Blouberg Dierkliniek

Beef: 2

Four heifers died, animals were vaccinated. Electricity was cut off and cold chain was broken.

Mokopane, Dr Henk Visser

Beef: 1

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 2

Frankfort, Frankfort Dierkliniek

Beef: 3

Memel, Memel Veterinary Clinic

Sheep: 1

Reitz, Riemland Dierkliniek

Beef: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 1, Sheep: 1
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2
Vrede, Saulshoek Dierpraktyk
Beef: 2
Winburg, Winburg Dierekliniek
Beef: 2
4 cattle died
Zastron, Zastron Dierekliniek
Beef: 1
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Beef: 1
Mtubatuba, Mtubatuba Animal Clinic
Beef: 1
Newcastle, Ncandovet Newcastle
Beef: 2
Underberg, Underberg Veterinary Surgery
Beef: 3
Northern Cape
Kimberley, Kimberley Dierekliniek
Beef: 1

Pulpy Kidney									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (3)	2.0 (1)		2.0 (1)	2.1 (12)	1.0 (2)	1.5 (4)	2.0 (4)	3.0 (1)

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

Beef					2.0 (1)				
Sheep	2.0 (3)	2.0 (1)		2.0 (1)	2.1 (11)	1.0 (2)	1.3 (3)	2.0 (4)	3.0 (1)
Goat							2.0 (1)		

Mpumalanga
Bethal, Bethal Dierekliniek
Sheep: 2
Ermelo, Joubertstraat Dierekliniek
Sheep: 1
Standerton, Econovet
Sheep: 3
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Sheep: 2
North West
Christiana, Christiana Dierehospitaal
Sheep: 2
Free State

Bethlehem, Bethlehem Animal Hospital

Sheep: 2

Sheep on soya fields

Bloemfontein, Dr Stephan Wessels

Sheep: 3

Bothaville, Cape Cross Bothaville Veterinary Hospital

Sheep: 2

Bultfontein, Greylingrust Dieresprekkamer

Beef: 2

Frankfort, Frankfort Dierekliniek

Sheep: 2

Harrismith, Harrismith Dierehospitaal

Sheep: 2

Sheep on soya fields - especially young sheep with poor immunity.

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

Reitz, Riemland Dierekliniek

Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 1

Vrede, Saulshoek Dierepark

Sheep: 2

Winburg, Winburg Dierekliniek

Sheep: 2

4 adult sheep died

Kwazulu-Natal**Estcourt, Estcourt Vet Clinic**

Sheep: 1

Kokstad, E.G.Veterinary Services

Sheep: 1

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

Sheep: 1

Graaff-Reinet, Camdeboo Veterinary Clinic

Sheep: 2, Goat: 2

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 1

Western Cape**Caledon, Overberg Veterinary Hospital**

Sheep: 2

Ceres, Ceres Veterinary Hospital

Sheep: 2

Malmesbury, Dr Otto Kriek

Sheep: 3

Malmesbury, Malmesbury Dierehospitaal

Sheep: 1

Northern Cape**De Aar, De Aar Veterinary Clinic**

Sheep: 3

Recommend multiclostridial vaccine

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

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

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

Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Sheep: 1									
Free State									
Reitz, Riemland Dierekliniek									
Beef: 1									
Zastron, Zastron Dierekliniek									
Beef: 1									
Kwazulu-Natal									
Vryheid, Dr GH Theron									
Beef: 2									
Western Cape									
Riversdal, Riversdal Dierekliniek									
Goat: 3									
70 goats died.									

Red gut (cattle) ^

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

Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2									
Free State									
Frankfort, Frankfort Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Kwazulu-Natal									
Kokstad, E.G.Veterinary Services									
Beef: 1									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Dairy: 2									

Change from kikuyu to rye grass - fibre content and protein content changes

Stutterheim, Stutterheim Veterinary Clinic

Dairy: 3

Dairy calves -acute clostridial enteritis and 6 deaths. Moved animals and vaccinated them.

Western Cape

Riversdal, Riversdal Dierekliniek

Beef: 3

Blood gut (Sheep)

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 (2)	1.0 (1)	1.0 (2)	2.3 (4)	

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

Sheep	1.5 (2)	2.0 (1)			1.0 (2)	1.0 (1)	1.0 (1)	2.7 (3)	
Goat							1.0 (1)	1.0 (1)	

Mpumalanga

Bethal, Bethal Dierekliniek

Sheep: 2

Middelburg , Middelburg Dierehospitaal

Sheep: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Sheep: 2

Free State

Harrismith, Harrismith Dierehospitaal

Sheep: 1

Weaner lambs on soya fields

Viljoenskroon, Viljoenskroon Dierekliniek

Sheep: 1

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Sheep: 1

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Goat: 1

Humansdorp, Humansdorp Veterinary Clinic

Sheep: 1

Western Cape

Beaufort West, Beaufort West State Vet

Goat: 1

Clostridium perfringens type A: Deaths in young kids grazing on fields. At necropsy sever haemorrhagic enteritis was seen. Confirmation of diagnosis at the laboratory. Recommended using a multi-clostridial vaccine in stead of a single pulpy kidney vaccine.

George, George Animal Hospital

Sheep: 2

Heidelberg WC, Heidelberg Dierekliniek

Sheep: 3

Riversdal, Riversdal Dierekliniek

Sheep: 3

Tetanus ^

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

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Free State									
Frankfort, Frankfort Dierekliniek									
Sheep: 1									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 2									

Botulism ^

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

North West									
Christiana, Christiana Dierehospitaal									
Sheep: 1									
Botulism-Ovine contaminated feed, 70 died									
Free State									
Winburg, Winburg Dierekliniek									
Beef: 2									
Two heifers died that were not vaccinated									
Northern Cape									
Kimberley, Kimberley Dierekliniek									
Beef: 2									

Salmonellosis ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average						1.3 (4)		2.0 (2)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef		1.3 (3)	1.0 (1)
Dairy			3.0 (1)
Sheep		1.0 (1)	

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Beef: 1, Sheep: 1

Pietermaritzburg, Dr Rick Mapham Consultancy

Beef: 2

Underberg, Underberg Veterinary Surgery

Beef: 1

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Dairy: 3

Stellenbosch, Provincial Veterinary Laboratory

Beef: 1

Salmonella Dublin isolated from lung and intestine samples from a calf from the PE area. Isolate sensitive to all antibiotics tested.

Brucella abortus

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			3.0 (1)	3.0 (2)	2.6 (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			3.0 (1)	3.0 (2)	2.6 (8)				2.0 (1)
Dairy					2.0 (1)				

Limpopo

Machado, Blouberg Dierekliniek

Beef: 3

North West

Schweizer-Reneke, NJ Heyns

Beef: 3

Stella, Stella Dierekliniek

Beef: 3

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 2

Bloemfontein, Dr Stephan Wessels

Beef: 3

Clocolan, Clocolan Dierekliniek

Beef: 3

Frankfort, Frankfort Dierekliniek

Beef: 3

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Dairy: 2

Parys, Parys Dierehospitaal

Beef: 2									
Reitz, Riemland Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 3									
New infections on increase									
Northern Cape									
Kimberley, Kimberley Dierekliniek									
Beef: 2									
Brucella ovis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average									3.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep									3.0 (1)
Northern Cape									
Upington, Upington Veterinary Clinic									
Sheep: 3									
<i>Brucella ovis</i> in 3 poorly managed flocks, more than 60% of rams positive. Infected rams brought into the flock									
Johne`s disease									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep								2.0 (1)	
Western Cape									
Heidelberg WC, Heidelberg Dierekliniek									
Sheep: 2									
Septicaemia									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep								1.0 (1)	
Western Cape									
Stellenbosch, Provincial Veterinary Laboratory									

Sheep: 1

Stellenbosch area: *Mannheimia haemolytica* was isolated from a brain sample.

Enzootic Abortion ^

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

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

Sheep					2.0 (1)				
Goat	1.0 (1)								

Mpumalanga

Bethal, Bethal Dierekliniek

Goat: 1

Free State

Bultfontein, Greylingrust Dieresprekkamer

Sheep: 2

E.coli ^

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

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

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

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 3

Bethal, Bethal Dierekliniek

Beef: 2, Dairy: 2

Gauteng

Johannesburg, Idexx Lab Jhb

Beef: 2

Although *E. coli* was isolated from cases of enteritis in calves [3] and pigs [3], they were probably all only secondary infections

North West

Christiana, Christiana Dierehospitaal

Beef: 1

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 1, Dairy: 1

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Beef: 1, Sheep: 1

Mtubatuba, Mtubatuba Animal Clinic
Dairy: 1
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 2
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 2
Somerset East, Bosberg Veterinary Clinic
Beef: 2
Western Cape
Malmesbury, Dr Otto Kriek
Beef: 3
Malmesbury, Malmesbury Dierehospitaal
Dairy: 3
Cows in muddy conditions.
Stellenbosch, Provincial Veterinary Laboratory
Sheep: 2
<i>E. coli</i> isolated from lung samples. Moderate to heavy, pure growth from samples.
Stellenbosch, Stellenbosch Animal Hospital
Beef: 1

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		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

Sheep		1.0 (1)			1.0 (1)				
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Gauteng

Johannesburg, Idexx Lab Jhb
Sheep: 1
Lumpy wool, caused by <i>Dermatophilus congolensis</i> , was isolated from sheep skin scabs

Free State

Reitz, Riemland Dierekliniek
Sheep: 1

Protozoal diseases (other)

Coccidiosis										^
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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	1.1 (7)	2.3 (4)	3.0 (1)		2.0 (9)	1.6 (8)	2.3 (4)	1.0 (1)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)	2.0 (1)			2.0 (2)	1.0 (1)			
Dairy							2.0 (2)	1.0 (1)	
Sheep	1.3 (4)	2.5 (2)			2.0 (5)	1.6 (5)	3.0 (1)		

Goat	1.0 (2)	2.0 (1)	3.0 (1)	2.0 (2)	2.0 (2)	2.0 (1)
Mpumalanga						
Bethal, Bethal Dierekliniek						
Beef: 1, Sheep: 1						
Ermelo, Joubertstraat Dierekliniek						
Sheep: 1						
Nelspruit, Nelspruit Animal Hospital						
Goat: 1						
Piet Retief, Pets Vet Hospital						
Sheep: 1, Goat: 1						
Standerton, Econovet						
Sheep: 2						
Gauteng						
Pretoria, Anima Veterinary Consulting Rooms						
Sheep: 3						
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic						
Beef: 2						
Often seen in young animals						
Sheep: 2						
Often seen in young animals						
Goat: 2						
Often seen in young animals						
Limpopo						
Machado, Blouberg Dierekliniek						
Goat: 3						
Free State						
Bloemfontein, Dr Stephan Wessels						
Sheep: 3						
Hoopstad, Hoopstad Dierekliniek						
Sheep: 1, Goat: 1						
Kroonstad, Kroonstad Dierehospitaal						
Sheep: 2, Goat: 3						
Viljoenskroon, Viljoenskroon Dierekliniek						
Beef: 3, Sheep: 3						
Villiers, Wilgepoort Dierekliniek Vennootskap						
Sheep: 1						
Winburg, Winburg Dierekliniek						
Beef: 1						
Kwazulu-Natal						
Dundee, Mpati Veterinary Clinic						
Sheep: 3						
Young lambs (1-3 weeks old) on oats pasture.						
Estcourt, Estcourt Vet Clinic						
Sheep: 1						
Howick, Howick Veterinary Clinic						
Goat: 3						
Kokstad, E.G.Veterinary Services						
Beef: 1, Sheep: 1						
Mtubatuba, Mtubatuba Animal Clinic						
Sheep: 1, Goat: 1						
Vryheid, Dr GH Theron						
Sheep: 2						
Eastern Cape						

Alexandria, Alexandria Platteland Spreekkamer
Dairy: 2, Goat: 2
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 2
Middelburg (EC), Steynsburg Dierehospitaal
Sheep: 3
Western Cape
Malmesbury, Malmesbury Dierehospitaal
Dairy: 1

Fungal diseases

Ringworm ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)	1.5 (2)		1.5 (2)	2.0 (5)	1.3 (3)	1.0 (1)		

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

Beef	1.5 (2)	2.0 (1)		1.5 (2)	2.0 (5)	1.5 (2)	1.0 (1)		
Dairy						1.0 (1)			
Sheep		1.0 (1)							

Mpumalanga

Bethal, Bethal Dierekliniek
Beef: 2

Lydenburg, Lydenburg Dieresprekkamer
Beef: 1

Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2

Pretoria, Anima Veterinary Consulting Rooms
Sheep: 1

North West
Christiana, Christiana Dierehospitaal
Beef: 1

Schweizer-Reneke, NJ Heyns
Beef: 2

Free State
Bultfontein, Greylingrust Dieresprekkamer
Beef: 1

Clocolan, Clocolan Dierekliniek
Beef: 3

Frankfort, Frankfort Dierekliniek
Beef: 3

Hoopstad, Hoopstad Dierekliniek
Beef: 1

Reitz, Riemland Dierekliniek
Beef: 2

Kwazulu-Natal
Ingogo, Gen XY Stud Beef Consultancy
Beef: 2

Mtubatuba, Mtubatuba Animal Clinic
Dairy: 1
Newcastle, Ncandovet Newcastle
Beef: 1
Eastern Cape
Somerset East, Bosberg Veterinary Clinic
Beef: 1

Viral Diseases (other)

BMC ^ _

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

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

North West

Schweizer-Reneke, NJ Heyns
Beef: 1
Sable died of snotsiekte
Stella, Stella Dierekliniek
Beef: 2

Free State

Reitz, Riemland Dierekliniek
Beef: 1

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic
Beef: 1
Newcastle, Ncandovet Newcastle
Beef: 1

Rabies ^ _

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

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

Beef			2.0 (1)						
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Limpopo									
Bela-Bela, Warmbad Dierekliniek									
Beef: 2									
BVD (Bovine viral diarrhoea)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)		2.0 (1)		1.0 (3)		1.0 (1)	2.5 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)		2.0 (1)		1.0 (3)		1.0 (1)	2.5 (2)	
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Limpopo									
Machado, Blouberg Dierekliniek									
Beef: 2									
Free State									
Bultfontein, Greylingsrust Dieresprekkamer									
Beef: 1									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 1									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 1									
Eastern Cape									
Somerset East, Bosberg Veterinary Clinic									
Beef: 1									
Western Cape									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 2									
Swellendam, Swellendam Dierehospitaal									
Beef: 3									
IBR (Infectious bovine rhinotracheitis)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)		2.0 (1)	2.3 (3)	2.0 (2)	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	1.5 (2)		2.0 (1)	2.3 (3)	2.0 (2)	2.3 (4)			
Dairy						2.0 (1)		2.0 (1)	
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Bethal, Bethal Dierekliniek									
Beef: 2									

Limpopo									
Machado, Blouberg Dierekliniek									
Beef: 2									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 1									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 3									
Schweizer-Reneke, NJ Heyns									
Beef: 3									
Cattle are not vaccinated									
Free State									
Reitz, Riemland Dierekliniek									
Beef: 1									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 3									
Kwazulu-Natal									
Dundee, Mpati Veterinary Clinic									
Beef: 2									
Estcourt, Estcourt Vet Clinic									
Dairy: 2									
Howick, Howick Veterinary Clinic									
Beef: 3									
Kokstad, E.G.Veterinary Services									
Beef: 1									
Vryheid, Dr GH Theron									
Beef: 3									
Western Cape									
Heidelberg WC, Heidelberg Dierekliniek									
Dairy: 2									
Enzootic Bovine Leucosis (EBL)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)			2.0 (1)	1.0 (1)	2.0 (3)	2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		1.0 (1)			2.0 (1)	1.0 (1)	2.0 (1)	2.0 (1)	
Dairy							2.0 (2)		
Gauteng									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 1									
Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Underberg, Underberg Veterinary Surgery									
Beef: 1									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									

Dairy: 2
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 2
Somerset East, Bosberg Veterinary Clinic
Beef: 2
Western Cape
Stellenbosch, Stellenbosch Animal Hospital
Beef: 2

Jaagsiekte ^

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

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

Sheep							3.0 (1)		
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Eastern Cape
Middelburg (EC), Steynsburg Dierehospitaal
Sheep: 3
Jaagsiekte and Visna

Orf ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (4)		2.0 (1)	2.1 (13)	1.5 (2)	1.3 (3)	1.3 (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

Sheep		2.0 (3)		2.0 (1)	2.1 (9)	1.0 (1)	1.0 (1)	1.3 (3)	
Goat		2.0 (1)			2.0 (4)	2.0 (1)	1.5 (2)	1.0 (1)	3.0 (1)

Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Sheep: 2
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 2
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Sheep: 2, Goat: 2
North West
Christiana, Christiana Dierehospitaal
Sheep: 2
Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
Sheep: 2, Goat: 2
Bultfontein, Greylingrust Dierspreekkamer
Sheep: 2
Hoopstad, Hoopstad Dierekliniek

Sheep: 3, Goat: 1									
Memel, Memel Veterinary Clinic									
Sheep: 1									
Reitz, Riemland Dierekliniek									
Sheep: 1									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 3									
Vrede, Saulshoek Dierepraktyk									
Sheep: 2, Goat: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 3									
Winburg, Winburg Dierekliniek									
Goat: 3									
Zastron, Zastron Dierekliniek									
Sheep: 2									
Kwazulu-Natal									
Kokstad, E.G.Veterinary Services									
Sheep: 1									
Pongola, Pongola Animal Clinic									
Goat: 2									
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Goat: 1									
Middelburg (EC), Steynsburg Dierehospitaal									
Sheep: 1									
Somerset East, Bosberg Veterinary Clinic									
Goat: 2									
Western Cape									
Beaufort West, Beaufort West State Vet									
Sheep: 1									
George, George Animal Hospital									
Sheep: 2									
Heidelberg WC, Heidelberg Dierekliniek									
Goat: 1									
Oudtshoorn, Oudtshoorn Dierekliniek									
Sheep: 1									
Northern Cape									
Upington, Upington Veterinary Clinic									
Goat: 3									
Warts									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)			3.0 (1)	1.3 (3)	1.7 (6)	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 (1)	1.3 (3)	1.7 (6)	2.5 (2)		
Dairy							2.0 (1)	2.0 (1)	
Mpumalanga									
Bethal, Bethal Dierekliniek									

Beef: 2									
North West									
Stella, Stella Dierekliniek									
Beef: 3									
Free State									
Bultfontein, Greylingrust Dierspreekkamer									
Beef: 2									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1									
Vrede, Saulshoek Dierpraktik									
Beef: 1									
Kwazulu-Natal									
Dundee, Mpati Veterinary Clinic									
Beef: 2									
Estcourt, Estcourt Vet Clinic									
Beef: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Pietermaritzburg, Dr Rick Mapham Consultancy									
Beef: 1									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 1									
Underberg, Underberg Veterinary Surgery									
Beef: 3									
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Beef: 3									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Somerset East, Bosberg Veterinary Clinic									
Beef: 2									
Western Cape									
Heidelberg WC, Heidelberg Dierekliniek									
Dairy: 2									
Poisonings (Plant)									
Cardiac glycoside poisoning									^
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)								
Mpumalanga									
Bethal, Bethal Dierekliniek									
Dairy: 1									
Cestrum (Ink-berry)									^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				2.7 (3)	2.8 (4)		2.5 (2)	2.0 (1)	

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

Beef				2.7 (3)	2.8 (4)		2.0 (1)	2.0 (1)	
Dairy							3.0 (1)		

North West

Leeudoringstad, Leeudoringstad Diereklíniek

Beef: 3

Cattle broke into garden, necropsy similar to Rift Valley Fever.

Schweizer-Reneke, NJ Heyns

Beef: 3

Two outbreaks - on one farm 8 animals died. Birds are spreading the berries. On the other farm 2 animals died. In winter grazing poor and 3 days after animals were moved into a new camp animals died.

Ventersdorp, Buffelsvlei Diereklíniek

Beef: 2

Three cattle died due to ink-berry poisoning

Free State

Bultfontein, Greylingrust Diersprekkamer

Beef: 3

Hoopstad, Hoopstad Diereklíniek

Beef: 3

Viljoenskroon, Viljoenskroon Diereklíniek

Beef: 2

Two outbreaks along the Vaal River as grazing becomes poor. Eradication should be done at district level to prevent huge losses.

Winburg, Winburg Diereklíniek

Beef: 3

16 Cattle died

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2, Dairy: 3

On testing pastures showed protein content was still over 20%, but non digestible fibre (NDF) was very high. Palatability issue, and heifers broke out to non-pasture areas where ink-berries were prevalent.

Western Cape

Stellenbosch, Stellenbosch Animal Hospital

Beef: 2

Cynanchum poisoning



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

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

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

Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 1, Dairy: 2									
Same as cestrum									
Western Cape									
Riversdal, Riversdal Direkliniek									
Beef: 2									
Facial eczema									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)		2.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.0 (1)				
Sheep							2.0 (1)		
Free State									
Reitz, Riemland Direkliniek									
Beef: 1									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Sheep: 2									
Geeldikkop/Dikoor									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep					1.0 (1)				
Free State									
Hoopstad, Hoopstad Direkliniek									
Sheep: 1									
Kikuyu poisoning									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average							3.0 (1)	2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef								2.0 (1)	
Dairy							3.0 (1)		

Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Dairy: 3									
Tractor breakdown and lack of hay on lush kikuyu pasture. 41 Animals affected, no mortalities									
Western Cape									
Riversdal, Riversdal Dierekliniek									
Beef: 2									
Lantana									^ _
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						2.5 (2)	2.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef						2.5 (2)			
Dairy							2.0 (1)		
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Beef: 2									
Vryheid, Dr GH Theron									
Beef: 3									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Dairy: 2									
Other									^ _
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)				2.0 (3)	2.0 (1)	2.5 (2)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)				2.0 (2)	2.0 (1)			
Dairy							2.0 (1)		
Sheep	1.0 (1)				2.0 (1)		3.0 (1)		
Mpumalanga									
Ermelo, Joubertstraat Dierekliniek									
Beef: 1									
Soya									
Sheep: 1									
Soya									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 1									
Acute organophosphate toxicity. A single case, the rest of the group showed no clinical signs.									
Frankfort, Frankfort Dierekliniek									

Beef: 3
Ergot poisoning in 3 herds. Kweek (<i>Cynodon dactylon</i>) and <i>Paspalum</i> grass are infected.
Harrismith, Harrismith Dierehospitaal
Sheep: 2
Oats - acute bloat and deaths after slight frost damage. Hypo added to water helped. After rainfall sheep overate themselves on softer soya kernels.
Kwazulu-Natal
Vryheid, Dr GH Theron
Beef: 2
Ergot poisoning
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 3
Suspected Klaaslouwbos poisoning
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 2

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

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

Beef	2.0 (1)								
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Mpumalanga
Piet Retief, Pets Vet Hospital
Beef: 2

Rye grass poisoning										^
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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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Western Cape
Malmesbury, Malmesbury Dierehospitaal
Beef: 3

Seneciosis										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (1)	1.0 (1)	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)	1.0 (1)	2.0 (1)
Free State			
Vrede, Saulshoek Dierepraktyk			
Beef: 2			
Kwazulu-Natal			
Kokstad, E.G.Veterinary Services			
Beef: 1			
Eastern Cape			
Cradock, Cradock Veterinary Clinic			
Beef: 2			
Cattle brought in from Molteno died of Seneciosis			

Tulip Poisoning									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (3)			2.0 (1)	1.0 (1)	1.7 (3)	1.3 (3)	2.0 (1)	

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

Beef	2.3 (3)			2.0 (1)		1.7 (3)	1.3 (3)	2.0 (1)	
Sheep					1.0 (1)				

Mpumalanga									
Ermelo, Joubertstraat Dierekliniek									
Beef: 2									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 2									
Standerton, Econovet									
Beef: 3									
North West									
Swartruggens, Swartruggens Veterinary Clinic									
Beef: 2									

Cows have been grazing on this farm for 7 years. Sudden deaths following neurological signs. Treatment with activated charcoal and ketofen. 26% mortality. 35% morbidity. All age groups affected. Diagnosis made on clinical signs, PM and mass amount of tulip found in camp with very little else to graze. Animals treated as soon as first diarrhoea started, animals recovered well. All affected animals did become recumbent for at least 5 days. In theory we suspect that because of poor grazing following drought and poor veld management the cows started to eat the lush tulip that has had an exceptional growth season. Also the owner did not recognise Tulip in the veld until it was pointed out to him. Once the herd was moved out of the affected camps there were no new cases.

Free State									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 1									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Beef: 1									
Kokstad, E.G.Veterinary Services									
Beef: 1									
Vryheid, Dr GH Theron									

Beef: 3

Eastern Cape

Aliwal North, Uitspan C Troskie

Beef: 1

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Beef: 1

Jeffreys Bay, Cape Cross Veterinary Hospital

Beef: 2

Western Cape

Swellendam, Swellendam Dierehospitaal

Beef: 2

Poisonings

Water contamination

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

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

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

Bethal, Bethal Dierekliniek

Beef: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 1

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Beef: 2

Urea Poisoning

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.3 (3)	3.0 (1)			

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

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

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 1

Clocolan, Clocolan Dierekliniek

Sheep: 2

Harrismith, Harrismith Dierehospitaal

Sheep: 1

Cattle lick accidentally given to sheep. Few sheep died and numerous animals treated.

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Beef: 3

Hypo

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

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

Beef 2.0 (1)

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 2

Blue-green algae

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

Sheep 1.0 (1) 3.0 (1)

Free State

Villiers, Wilgepoort Dierkliniek Vennootskap

Beef: 1, Sheep: 1

Western Cape

George, George Animal Hospital

Sheep: 3

Macro Nutritional Problems

Energy deficiency

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average 2.0 (4) 1.0 (1) 2.3 (6) 2.4 (14) 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) 1.0 (1) 2.3 (3) 2.6 (9)

Dairy 3.0 (1) 1.0 (1)

Sheep 1.0 (1) 2.3 (3) 2.5 (2) 2.0 (2)

Goat 2.5 (2) 2.0 (1)

Protein deficiency									
Mpumalanga									
Bethal, Bethal Dierekliniek									
Beef: 1, Sheep: 1									
Delmas, Delmas Konsultasie Dienste									
Dairy: 3									
Middelburg , Middelburg Dierehospitaal									
Beef: 3									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 1									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Sheep: 2									
On a few farms where lambing took place, pregnancy toxemia (domsiekte) occurred. Farmers did not give a production lick and maize with the grazing. Good grazing is available but not sufficient.									
Clocolan, Clocolan Dierekliniek									
Sheep: 3									
Reitz, Riemland Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2, Sheep: 2									
Winburg, Winburg Dierekliniek									
Beef: 3									
Poor winter grazing									
Kwazulu-Natal									
Camperdown, Camperdown Vet Clinic									
Beef: 2									
Estcourt, Estcourt Vet Clinic									
Beef: 2, Dairy: 1									
Howick, Howick Veterinary Clinic									
Beef: 3									
Kokstad, E.G.Veterinary Services									
Beef: 2, Sheep: 2, Goat: 2									
Mooi River, Mooirivier Vet Clinic									
Beef: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3, Sheep: 3, Goat: 3									
Underberg, Underberg Veterinary Surgery									
Beef: 3									
Vryheid, Dr GH Theron									
Beef: 3									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Sheep: 2									
Somerset East, Bosberg Veterinary Clinic									
Sheep: 2, Goat: 2									
Protein deficiency									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape

Average	2.0 (4)	1.0 (1)	3.0 (1)	2.5 (4)	2.4 (13)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (2)	1.0 (1)	3.0 (1)	2.7 (3)	2.5 (8)
Dairy	3.0 (1)				1.0 (1)
Sheep	1.0 (1)			2.0 (1)	2.5 (2)
Goat					2.5 (2)

Mpumalanga

Bethal, Bethal Dierekliniek

Beef: 1, Sheep: 1

Delmas, Delmas Konsultasie Dienste

Dairy: 3

Middelburg , Middelburg Dierehospitaal

Beef: 3

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 1

North West

Schweizer-Reneke, NJ Heyns

Beef: 3

Free State

Reitz, Riemland Dierekliniek

Beef: 2

Vrede, Saulshoek Dierepraktyk

Beef: 3, Sheep: 2

Winburg, Winburg Dierekliniek

Beef: 3

Poor winter grazing

Kwazulu-Natal

Camperdown, Camperdown Vet Clinic

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 2, Dairy: 1

Howick, Howick Veterinary Clinic

Beef: 3

Kokstad, E.G.Veterinary Services

Beef: 2, Sheep: 2, Goat: 2

Mooi River, Mooirivier Vet Clinic

Beef: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Pietermaritzburg, Richmond Veterinay Clinic

Beef: 3, Sheep: 3, Goat: 3

Underberg, Underberg Veterinary Surgery

Beef: 3

Gaps in the feed wedge and veld going off.

Phosphate deficiency

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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.0 (1)
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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									
Villiers, Wilgepoort Direkliniek Vennootskap									
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					2.5 (4)	3.0 (1)	3.0 (1)		

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

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

Free State									
Frankfort, Frankfort Direkliniek									
Beef: 2									
Reitz, Riemland Direkliniek									
Sheep: 3									
Villiers, Wilgepoort Direkliniek Vennootskap									
Beef: 2, Sheep: 3									
Kwazulu-Natal									
Pietermaritzburg, Richmond Veterinary Clinic									
Beef: 3									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 3									

Micro Nutritional Problems									
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Copper deficiency									^ -
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						3.0 (4)	2.0 (1)	2.0 (1)	

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

Beef						3.0 (4)		2.0 (1)	
Sheep							2.0 (1)		

Kwazulu-Natal									
Howick, Howick Veterinary Clinic									

Beef: 3
Mooi River, Mooirivier Vet Clinic
Beef: 3
Pietermaritzburg, Richmond Veterinary Clinic
Beef: 3
Underberg, Underberg Veterinary Surgery
Beef: 3
Eastern Cape
Somerset East, Bosberg Veterinary Clinic
Sheep: 2
Western Cape
Malmesbury, Dr Otto Kriek
Beef: 2

Zinc deficiency									^
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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						2.7 (3)	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						2.7 (3)	1.0 (1)		
Dairy							2.0 (1)		

Kwazulu-Natal
Howick, Howick Veterinary Clinic
Beef: 3
Pietermaritzburg, Richmond Veterinary Clinic
Beef: 3
Underberg, Underberg Veterinary Surgery
Beef: 2
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 2
Somerset East, Bosberg Veterinary Clinic
Beef: 1

Selenium deficiency									^
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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)			3.0 (1)		2.6 (5)	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	3.0 (1)					2.8 (4)	1.0 (1)		
Dairy						2.0 (1)			
Sheep				3.0 (1)					

Mpumalanga
Standerton, Econovet

Beef: 3

North West

Christiana, Christiana Dierehospitaal

Sheep: 3

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Beef: 2, Dairy: 2

Howick, Howick Veterinary Clinic

Beef: 3

Pietermaritzburg, Richmond Veterinary Clinic

Beef: 3

Underberg, Underberg Veterinary Surgery

Beef: 3

Eastern Cape

Somerset East, Bosberg Veterinary Clinic

Beef: 1

Manganese deficiency



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

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)

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 2

Vitamin A deficiency



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

Dairy 3.0 (1) 2.0 (1)

Sheep 3.0 (1) 1.0 (1)

Mpumalanga

Delmas, Delmas Konsultasie Dienste

Dairy: 3

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Dairy: 2, Sheep: 3

Kwazulu-Natal									
Kokstad, E.G.Veterinary Services									
Beef: 1, Sheep: 1									
Pietermaritzburg, Richmond Veterinary Clinic									
Beef: 3									

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

Dairy							2.0 (2)		
Sheep								1.0 (1)	

Eastern Cape									
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Alexandria, Alexandria Platteland Spreekkamer									
Dairy: 2									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 2									

Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 1									
Vitamin B 1 deficiency									

Multi-factorial Disease Conditions									
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Abortions									^
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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	1.5 (10)	1.7 (3)	3.0 (1)	3.0 (1)	2.2 (12)	1.9 (12)	2.4 (5)	2.0 (6)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.4 (5)	1.5 (2)	3.0 (1)	3.0 (1)	2.3 (8)	1.8 (6)	2.0 (2)	1.8 (4)	
Dairy	3.0 (1)				2.0 (1)	2.0 (1)	2.5 (2)	2.5 (2)	
Sheep	1.0 (1)	2.0 (1)			2.0 (3)	1.8 (4)	3.0 (1)		
Goat	1.3 (3)					3.0 (1)			

Mpumalanga									
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Balfour, Balfour Dierekliniiek									
Beef: 2, Goat: 2									
Bethal, Bethal Dierekliniiek									
Beef: 1, Goat: 1									
Delmas, Delmas Konsultasie Dienste									
Dairy: 3									

During February had a high percentage of mummified foetuses (4-5 months pregnancy). In the heifers presently calving on one farm, 5 abnormal calves were born.

Ermelo, Moregloed Veterinere Spreekkamer
Beef: 1, Sheep: 1
Nelspruit, Nelspruit Animal Hospital
Beef: 1
Abortions following vaccination with live anthrax vaccine
Goat: 1
Hyperplastic goitre: most probably due to Selenium deficiency or intake of goitrogenic substances.
Volksrust, Volksrust Dierehospitaal
Beef: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2, Sheep: 2
Johannesburg, Idexx Lab Jhb
Beef: 1
One abortion was due to <i>Brucella abortus</i> .
Limpopo
Machado, Blouberg Dierekliniek
Beef: 3
North West
Stella, Stella Dierekliniek
Beef: 3
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 2
Clocolan, Clocolan Dierekliniek
Beef: 3
Frankfort, Frankfort Dierekliniek
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Dairy: 2, Sheep: 3
Parys, Parys Dierehospitaal
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 2, Sheep: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2, Sheep: 1
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 2, Sheep: 2
Estcourt, Estcourt Vet Clinic
Beef: 1, Dairy: 2
Howick, Howick Veterinary Clinic
Beef: 3
Kokstad, E.G.Veterinary Services
Beef: 1, Sheep: 1
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Newcastle, Ncandovet Newcastle
Sheep: 3, Goat: 3
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 2
Underberg, Underberg Veterinary Surgery

Sheep: 1
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Beef: 2
Anaplasmosis
Dairy: 2
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 3
Middelburg (EC), Steynsburg Dierehospitaal
Sheep: 3
Somerset East, Bosberg Veterinary Clinic
Beef: 2
Western Cape
Ceres, Ceres Veterinary Hospital
Beef: 1
Heidelberg WC, Heidelberg Dierekliniek
Dairy: 2
Malmesbury, Malmesbury Dierehospitaal
Beef: 3, Dairy: 3
Stellenbosch, Provincial Veterinary Laboratory
Beef: 1
Tulbagh area: <i>Corynebacterium pseudotuberculosis</i> was isolated from stomach content and lung of a foetus.
Humansdorp area: <i>Pantoea</i> agglomerans was isolated from swabs from stomach content of foetuses. This is an opportunist and a known agent of abortion in horses.
Swellendam, Swellendam Dierehospitaal
Beef: 2

Abscesses									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (3)	2.3 (4)	3.0 (1)	2.0 (1)	1.6 (8)	1.9 (7)	2.0 (4)	3.0 (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	2.0 (1)	2.0 (1)	3.0 (1)	2.0 (1)	1.8 (5)	1.8 (5)		3.0 (2)	
Dairy	3.0 (1)						2.0 (1)	3.0 (1)	
Sheep	1.0 (1)	2.5 (2)			1.3 (3)	2.0 (2)	3.0 (1)	3.0 (1)	
Goat		2.0 (1)					1.5 (2)		1.0 (1)

Mpumalanga
Bethal, Bethal Dierekliniek
Beef: 2, Sheep: 1
Delmas, Delmas Konsultasie Dienste
Dairy: 3
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2, Sheep: 2
Johannesburg, Idexx Lab Jhb
Sheep: 3

Trueperella pyogenes was isolated from abscesses in sheep, cattle and goats, as well as oryx and nyala. In several cases the anaerobe, *Porphyromonas*, was found together with it. *T. pyogenes* has a symbiotic relationship with anaerobes and opening up abscesses and exposing the contents to oxygen helps the healing process. Only

one sheep abscess was due to *Corynebacterium pseudotuberculosis*. *Trueperella pyogenes* is very commonly isolated from a large variety of wildlife species.

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Goat: 2

Limpopo

Bela-Bela, Warmbad Dierekliniek

Beef: 3

North West

Stella, Stella Dierekliniek

Beef: 2

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 1, Sheep: 1

Clocolan, Clocolan Dierekliniek

Beef: 1

Frankfort, Frankfort Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 2, Sheep: 2

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Winburg, Winburg Dierekliniek

Beef: 3

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 1, Sheep: 1

Dundee, Mpati Veterinary Clinic

Beef: 1

Howick, Howick Veterinary Clinic

Beef: 3

Kokstad, E.G.Veterinary Services

Beef: 3, Sheep: 3

Newcastle, Ncandovet Newcastle

Beef: 1

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 2

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Goat: 1

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 3

Somerset East, Bosberg Veterinary Clinic

Goat: 2

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Beef: 3, Dairy: 3

Riversdal, Riversdal Dierekliniek

Beef: 3, Sheep: 3

Northern Cape

Kimberley, Kimberley Dierekliniek

Goat: 1

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

Beef						2.0 (1)			
Goat						2.0 (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					1.0 (1)	1.0 (1)			

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

Beef						1.0 (1)			
Sheep					1.0 (1)				

Free State

Reitz, Riemland Dierkliniek

Sheep: 1

Kwazulu-Natal

Pietermaritzburg, Dr Rick Mapham Consultancy

Beef: 1

Blindness



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

Bultfontein, Greylingrust Dierspreekkamer

Beef: 1

Bloat



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



Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Free gas bloat due to oesophageal obstruction (avos and oranges): an annual occurrence in the Lowveld due to availability to these fruits.

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1

Bloated beef calf

Kroonstad, Kroonstad Dierehospitaal

Dairy: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 1

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

Eastern Cape

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 2

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Beef: 3

Blood gut (sheep and goat)

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

Sheep								3.0 (1)	
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Western Cape

Heidelberg WC, Heidelberg Dierekliniek

Sheep: 3

Blue udder

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

	reported
Sheep	2.0 (3) 1.5 (2)

Free State									
Frankfort, Frankfort Dierekliniek									
Sheep: 2									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 3									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 1									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 1									
Heidelberg WC, Heidelberg Dierekliniek									
Sheep: 2									

Diarrhoea									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (6)	2.8 (4)		2.0 (1)	1.3 (6)	1.8 (10)	1.5 (2)	2.3 (3)	

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

Beef	1.5 (2)	2.5 (2)		2.0 (1)	1.5 (4)	2.0 (5)		2.0 (2)	
Dairy		3.0 (1)					2.0 (1)	3.0 (1)	
Sheep	1.5 (2)				1.0 (2)	1.7 (3)	1.0 (1)		
Goat	1.5 (2)	3.0 (1)				1.5 (2)			

Mpumalanga									
Bethal, Bethal Dierekliniek									
Beef: 2, Sheep: 2									
Ermelo, Joubertstraat Dierekliniek									
Beef: 1, Sheep: 1, Goat: 1									
Middelburg, Middelburg Dierehospitaal									
Goat: 2									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 3, Dairy: 3									
<i>Giardia</i> spp., moderate problem in one dairy - calves affected. Verminosis.									
Goat: 3									
North West									
Swartruggens, Swartruggens Veterinary Clinic									
Beef: 2									
Rota virus									
Free State									
Bethlehem, Bethlehem Animal Hospital									
Beef: 2									
Bultfontein, Greylingrust Dieresprekkamer									
Beef: 2									

Hoopstad, Hoopstad Dierekliniek
Beef: 1, Sheep: 1
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 1, Sheep: 1
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 1, Sheep: 1
Estcourt, Estcourt Vet Clinic
Sheep: 1, Goat: 1
Howick, Howick Veterinary Clinic
Beef: 3
Kokstad, E.G.Veterinary Services
Beef: 3, Sheep: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2
Newcastle, Ncandovet Newcastle
Beef: 1
Eastern Cape
Graaff-Reinet, Camdeboo Veterinary Clinic
Sheep: 1
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2
Western Cape
Malmesbury, Malmesbury Dierehospitaal
Beef: 3, Dairy: 3
Stellenbosch, Provincial Veterinary Laboratory
Beef: 1
Stellenbosch area: A heavy growth of <i>Salmonella</i> Anatum was isolated from a small intestine sample from a severely dehydrated carcass.

Eye Cancer									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.3 (4)	1.0 (2)	1.7 (3)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.3 (3)	1.0 (1)			
Dairy						1.0 (1)	1.7 (3)		
Sheep					1.0 (1)				

Free State
Frankfort, Frankfort Dierekliniek
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 1
Kroonstad, Kroonstad Dierehospitaal
Sheep: 1
Parys, Parys Dierehospitaal
Beef: 1
Little pigment in a Simmentaler- cow
Kwazulu-Natal

Estcourt, Estcourt Vet Clinic
Dairy: 1
Mtubatuba, Mtubatuba Animal Clinic
Beef: 1
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 2
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 1

Eye infections									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)	1.5 (2)	2.5 (2)	2.7 (3)	2.3 (12)	1.9 (12)	2.0 (7)	1.0 (1)	3.0 (1)

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

Beef	1.5 (2)	1.0 (1)	2.5 (2)	2.5 (2)	2.3 (8)	2.2 (6)	2.0 (3)	1.0 (1)	3.0 (1)
Dairy					2.0 (2)				
Sheep		2.0 (1)		3.0 (1)	2.5 (2)	1.8 (4)	2.0 (2)		
Goat						1.5 (2)	2.0 (2)		

Mpumalanga
Ermelo, Môregloed Veterinêre Spreekkamer
Beef: 2
Middelburg, Middelburg Dierehospitaal
Beef: 1
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 1
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 2
Limpopo
Bela-Bela, Warmbad Dierekliniek
Beef: 3
Machado, Blouberg Dierekliniek
Beef: 2
North West
Schweizer-Reneke, NJ Heyns
Beef: 2
Stella, Stella Dierekliniek
Beef: 3, Sheep: 3
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 3
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 2

A few cases of pink eye. Cattle adjacent to a game farm had a specie of roundworm in their eyes. Prescribed a macrocyclic lactone. Numerous flies present.

Bultfontein, Greylingrust Dieresprekkamer
Beef: 2
Frankfort, Frankfort Dierekliniek
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 2, Dairy: 2, Sheep: 2
Kroonstad, Kroonstad Dierehospitaal
Beef: 2, Dairy: 2
Reitz, Riemland Dierekliniek
Sheep: 3
Wesselsbron, Wesselsbron Dierekliniek
Beef: 3
Zastron, Zastron Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 1, Sheep: 1
Dundee, Mpati Veterinary Clinic
Beef: 3
Ingogo, Gen XY Stud Beef Consultancy
Beef: 3
Kokstad, E.G.Veterinary Services
Beef: 2, Sheep: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Sheep: 2, Goat: 2
Pongola, Pongola Animal Clinic
Goat: 1
Underberg, Underberg Veterinary Surgery
Beef: 2, Sheep: 2
Eastern Cape
Aliwal North, Uitspan C Troskie
Beef: 2
Graaff-Reinet, Camdeboo Veterinary Clinic
Goat: 1
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 1
Middelburg (EC), Steynsburg Dierehospitaal
Beef: 3, Sheep: 3, Goat: 3
Somerset East, Bosberg Veterinary Clinic
Beef: 1
Western Cape
Oudtshoorn, Oudtshoorn Dierekliniek
Beef: 1
Northern Cape
Kimberley, Kimberley Dierekliniek
Beef: 3

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

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

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

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2, Sheep: 2

Limpopo

Mokopane, Dr Henk Visser

Beef: 1

North West

Swartruggens, Swartruggens Veterinary Clinic

Beef: 1

Free State

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Kwazulu-Natal

Pongola, Pongola Animal Clinic

Beef: 2

Underberg, Underberg Veterinary Surgery

Beef: 1

Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic

Sheep: 1

Lameness/Foot Problems



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (3)	1.6 (5)	2.0 (1)	2.0 (1)	1.7 (7)	1.8 (8)	2.0 (6)	2.5 (4)	

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

Beef	1.0 (1)	1.7 (3)	2.0 (1)	2.0 (1)	1.7 (3)	1.8 (4)	1.5 (2)	2.0 (2)
Dairy	3.0 (1)				2.0 (1)	1.0 (1)	2.3 (3)	3.0 (1)
Sheep	2.0 (1)	1.5 (2)			1.7 (3)	2.0 (2)	2.0 (1)	3.0 (1)
Goat						2.0 (1)		

Mpumalanga

Bethal, Bethal Dierekliniek

Beef: 1, Sheep: 2

Delmas, Delmas Konsultasie Dienste

Dairy: 3

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2, Sheep: 2

Johannesburg, Idexx Lab Jhb

Beef: 1

Actinomyces bovis caused arthritis in a bull. *A. bovis* is best known as the cause of lumpy jaw, but it can cause other purulent conditions in cattle.

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Beef: 2
Limpopo
Tzaneen, Tzaneen Dierekliniek
Beef: 2
North West
Schweizer-Reneke, NJ Heyns
Beef: 2
Hoof cracks in bulls
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 3
Bultfontein, Greylingrust Dierspreekkamer
Beef: 1, Sheep: 1
Frankfort, Frankfort Dierekliniek
Sheep: 2
Reitz, Riemland Dierekliniek
Dairy: 2, Sheep: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 1
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Dairy: 1
Kokstad, E.G.Veterinary Services
Beef: 2, Sheep: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2
Newcastle, Ncandovet Newcastle
Beef: 1
Underberg, Underberg Veterinary Surgery
Beef: 2, Sheep: 2
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 2
Graaff-Reinet, Camdeboo Veterinary Clinic
Beef: 1
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 3
Middelburg (EC), Steynsburg Dierehospitaal
Sheep: 2
Foot rot (O 2, Foot abscess (O 2)
Somerset East, Bosberg Veterinary Clinic
Beef: 2
Western Cape
George, George Animal Hospital
Sheep: 3
Malmesbury, Malmesbury Dierehospitaal
Dairy: 3
Muddy conditions
Oudtshoorn, Oudtshoorn Dierekliniek
Beef: 2

Due to the increased rainfall, the ground has been moist to muddy exacerbating this disease and making it difficult to treat.

Swellendam, Swellendam Dierehospitaal

Beef: 2

Lung infection									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.6 (8)	2.3 (3)	2.0 (1)	3.0 (2)	2.4 (19)	2.2 (13)	2.1 (9)	2.0 (7)	2.0 (1)

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

Beef	1.5 (4)	2.5 (2)	2.0 (1)	3.0 (2)	2.3 (9)	2.3 (7)	2.0 (2)	3.0 (2)	
Dairy	3.0 (1)				3.0 (1)	2.0 (2)	2.0 (1)	1.0 (1)	
Sheep	1.5 (2)				2.4 (7)	2.3 (3)	2.3 (3)	1.8 (4)	2.0 (1)
Goat	1.0 (1)	2.0 (1)			2.5 (2)	2.0 (1)	2.0 (3)		

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Bethal, Bethal Dierekliniek

Beef: 2, Sheep: 2

Delmas, Delmas Konsultasie Dienste

Dairy: 3

Ermelo, Joubertstraat Dierekliniek

Beef: 1, Sheep: 1, Goat: 1

Standerton, Econovet

Beef: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2

Johannesburg, Idexx Lab Jhb

Beef: 3

Pneumonia in feedlot cattle yielded most of the samples this month. *Histophilus somni* [*Haemophilus somnus*] lead in numbers of isolates, followed by *Mannheimia haemolytica* and *Pasteurella multocida*. There were also isolates of other *Mannheimia* species, *Trueperella* [*Arcanobacterium*] *pyogenes* and a single case of *Bibersteinia trehalosi* [was *Pasteurella haemolytica* typeT]. It was previously thought that *B. trehalosi* only infected sheep about 6-9 months of age, but it has now been shown that it can also infect cattle. *B. trehalosi* was also isolated from a sheep with pneumonia.

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Goat: 2

Limpopo

Machado, Blouberg Dierekliniek

Beef: 2

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3

Numerous cases of pneumonia occurred in veld cattle, fattest calves. *Pasteurella multocida* and *Mannheimia haemolytica* isolated.

Schweizer-Reneke, NJ Heyns
Beef: 3
Free State
Bethlehem, Bethlehem Animal Hospital
Beef: 2, Sheep: 3
Bloemfontein, Dr Stephan Wessels
Beef: 3
25 Long weaners treated for lung infections in a small feedlot
Clocolan, Clocolan Dierekliniek
Beef: 3, Sheep: 3
Frankfort, Frankfort Dierekliniek
Beef: 3, Dairy: 3, Sheep: 3
Harrismith, Harrismith Dierehospitaal
Beef: 2
<i>Pasteurella</i> : Numerous weaner calves diseased. Few animals died. Great variation in temperature. Motivate farmers to vaccinate their animals.
Kroonstad, Kroonstad Dierehospitaal
Beef: 2, Sheep: 2, Goat: 2
Memel, Memel Veterinary Clinic
Goat: 3
Reitz, Riemland Dierekliniek
Beef: 2, Sheep: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 2, Sheep: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2, Sheep: 2
Kwazulu-Natal
Dundee, Mpati Veterinary Clinic
Beef: 3
Sporadic cases in herds - cattle were not vaccinated or the time interval between vaccinations was not followed.
Estcourt, Estcourt Vet Clinic
Beef: 2, Dairy: 2
Howick, Howick Veterinary Clinic
Beef: 2
Kokstad, E.G.Veterinary Services
Beef: 2, Sheep: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Dairy: 2, Goat: 2
Underberg, Underberg Veterinary Surgery
Beef: 3, Sheep: 3
Vryheid, Dr GH Theron
Beef: 2, Sheep: 2
Eastern Cape
Aliwal North, Uitspan C Troskie
Beef: 2
Cradock, Cradock Veterinary Clinic
Goat: 3
One case of goat dying of a foreign body pneumonia after dosing. Numerous cases of pneumonia in Angora goats.
Graaff-Reinet, Camdeboo Veterinary Clinic
Sheep: 2, Goat: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Goat: 1
Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 2									
Middelburg (EC), Steynsburg Dierehospitaal									
Sheep: 3									
Ovine pulmonary pneumonia, <i>Trueperella pyogenes</i> , <i>Pasteurella</i> , Ovine pulmonary adenomatosis (Jaagsiekte), Visna									
Somerset East, Bosberg Veterinary Clinic									
Beef: 2, Sheep: 2									
Western Cape									
Beaufort West, Beaufort West State Vet									
Sheep: 1									
Ceres, Ceres Veterinary Hospital									
Sheep: 2									
Four cases with pasteurellosis.									
Malmesbury, Dr Otto Kriek									
Beef: 3									
Riversdal, Riversdal Dierekliniek									
Sheep: 3									
Foot rot, wet conditions									
Stellenbosch, Provincial Veterinary Laboratory									
Dairy: 1									
Paarl area: <i>Streptococcus bovis</i> was isolated from a lung sample									
Sheep: 1									
Hermon area: Heavy pure growth of <i>Mannheimia haemolytica</i> isolated from lung sample. Malmesbury area: <i>Corynebacterium pseudotuberculosis</i> isolated in a mixed growth from a lung sample.									
Swellendam, Swellendam Dierehospitaal									
Beef: 3									
Cattle on lush green pastures plus mouldy straw - "fog fever".									
Northern Cape									
Kathu, Kathu Dierekliniek									
Sheep: 2									
Mastitis in general									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (4)	1.0 (1)	3.0 (1)		1.8 (5)	2.1 (7)	2.8 (4)	2.6 (8)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.5 (2)	1.0 (1)	3.0 (1)		2.0 (3)	2.5 (4)	3.0 (1)	2.6 (5)	
Dairy	2.0 (2)				1.5 (2)	1.5 (2)	2.5 (2)	2.7 (3)	
Sheep						2.0 (1)	3.0 (1)		
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 2									
Bethal, Bethal Dierekliniek									
Dairy: 1									
Delmas, Delmas Konsultasie Dienste									
Dairy: 3									
Volksrust, Volksrust Dierehospitaal									
Beef: 1									
Gauteng									

Bapsfontein, Bapsfontein Dierehospitaal
Beef: 1
Limpopo
Machado, Blouberg Dierekliniek
Beef: 3
Free State
Bethlehem, Bethlehem Animal Hospital
Beef: 2
Bloemfontein, Dr Stephan Wessels
Beef: 2
Bultfontein, Greylingrust Dieresprekkamer
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Dairy: 2
Reitz, Riemland Dierekliniek
Dairy: 1
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Dairy: 1
Howick, Howick Veterinary Clinic
Beef: 3
Kokstad, E.G.Veterinary Services
Beef: 2, Sheep: 2
Mooi River, Moirivier Vet Clinic
Beef: 3
Mtubatuba, Mtubatuba Animal Clinic
Dairy: 2
Pongola, Pongola Animal Clinic
Beef: 2
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 3
Middelburg (EC), Steynsburg Dierehospitaal
Sheep: 3
Somerset East, Bosberg Veterinary Clinic
Beef: 3
Western Cape
George, George Animal Hospital
Beef: 3
Heidelberg WC, Heidelberg Dierekliniek
Dairy: 3
Malmesbury, Dr Otto Kriek
Beef: 3
Malmesbury, Malmesbury Dierehospitaal
Dairy: 3
Riversdal, Riversdal Dierekliniek
Beef: 3
Stellenbosch, Provincial Veterinary Laboratory
Dairy: 2
Tulbagh area: <i>Staphylococcus aureus</i> isolated from 3 cows.
Stellenbosch, Stellenbosch Animal Hospital
Beef: 1

Swellendam, Swellendam Dierehospitaal

Beef: 3

Navel III

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)			1.3 (4)	1.0 (1)		3.0 (1)	

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

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

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

Free State

Bultfontein, Greylingrust Dierspreekkamer

Beef: 1

Memel, Memel Veterinary Clinic

Beef: 1

Villiers, Wilgepoort Dierkliniek Vennootskap

Sheep: 2

Wesselsbron, Wesselsbron Dierkliniek

Sheep: 1

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Beef: 1

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Dairy: 3

Red gut (Sheep)

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

Western Cape

Ceres, Ceres Veterinary Hospital

Sheep: 1

Heidelberg WC, Heidelberg Dierkliniek

Sheep: 3

Stellenbosch, Provincial Veterinary Laboratory

Sheep: 2

Stellenbosch area: *Clostridium perfringens* was isolated from a small intestine sample.

Goat: 2

Beaufort-West area: *Clostridium perfringens* was isolated from a small intestine sample.

Metabolic Diseases

Acidosis

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				1.9 (8)	2.0 (1)	1.0 (1)	2.3 (3)	

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

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

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 1

Mal adaptation in feedlot

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 2, Sheep: 2

Bultfontein, Greylingrust Diersprekkamer

Sheep: 2

Harrismith, Harrismith Dierehospitaal

Beef: 1

Weaner calves in feedlot - hot ration given without necessary adaptation period.

Villiers, Wilgepoort Dierkliniek Vennootskap

Beef: 2, Sheep: 2

Vrede, Saulshoek Dierpraktijk

Beef: 2, Sheep: 2

Kwazulu-Natal

Camperdown, Camperdown Vet Clinic

Goat: 2

Eastern Cape

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 1

Western Cape

Caledon, Overberg Veterinary Hospital

Sheep: 1

Malmesbury, Malmesbury Dierehospitaal

Dairy: 3

Calves

Sheep: 3

Displaced abomasum

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

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 1

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Dairy: 2

Ketosis ^

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

Dairy						1.0 (2)	2.0 (1)		
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Sheep					2.5 (2)		1.0 (1)	3.0 (1)	
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Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Sheep: 2

On a few farms where lambing took place, pregnancy toxemia (domsiekte) occurred. Farmers did not give a production lick and maize with the grazing. Good grazing is available but not sufficient.

Villiers, Wilgepoort Dierekliniek Venootskap

Sheep: 3

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Dairy: 1

Mtubatuba, Mtubatuba Animal Clinic

Dairy: 1

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 2

1200 head herd did milk recording, last cows got no food and 6 showed ketosis.

Humansdorp, Humansdorp Veterinary Clinic

Sheep: 1

Western Cape

Riversdal, Riversdal Dierekliniek

Sheep: 3

40 ewes

Milk Fever ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.8 (5)	2.0 (1)	2.0 (3)	3.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

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

Free State

Bethlehem, Bethlehem Animal Hospital

Dairy: 1

Bultfontein, Greylingrust Dierspreekkamer

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Dairy: 2

Reitz, Riemland Dierekliniek

Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Dairy: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Dairy: 1

Humansdorp, Humansdorp Veterinary Clinic

Sheep: 2

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 3

Western Cape

Malmesbury, Malmesbury Dierehospitaal

Dairy: 3

Reproductive diseases

Dystocia (Difficult Births)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.6 (9)	1.7 (3)	2.0 (1)	2.0 (1)	1.8 (18)	2.1 (16)	2.0 (5)	2.6 (7)	1.0 (1)

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

Beef	1.6 (5)	2.0 (1)	2.0 (1)	2.0 (1)	1.8 (10)	2.2 (10)	2.0 (2)	2.7 (3)	
Dairy	2.0 (1)				1.5 (2)	1.0 (1)	2.0 (3)	2.5 (2)	
Sheep	1.3 (3)	1.5 (2)			1.8 (5)	2.0 (4)		3.0 (1)	
Goat					2.0 (1)	2.0 (1)		2.0 (1)	1.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Sheep: 1

Bethal, Bethal Dierekliniek

Dairy: 2, Sheep: 2

Ermelo, Joubertstraat Dierekliniek

Beef: 2

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 1, Sheep: 1

Middelburg , Middelburg Dierehospitaal

Beef: 2

Volksrust, Volksrust Dierehospitaal

Beef: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2, Sheep: 2

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1

Limpopo

Bela-Bela, Warmbad Dierekliniek

Beef: 2

North West

Schweizer-Reneke, NJ Heyns

Beef: 2

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 2

Bloemfontein, Dr Stephan Wessels

Beef: 2

Bothaville, Cape Cross Bothaville Veterinary Hospital

Sheep: 2, Goat: 2

Bultfontein, Greylingrust Dierspreekkamer

Beef: 2

Frankfort, Frankfort Dierekliniek

Beef: 2

Harrismith, Harrismith Dierehospitaal

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 1, Dairy: 1, Sheep: 1

Kroonstad, Kroonstad Dierehospitaal

Beef: 2, Sheep: 2

Parys, Parys Dierehospitaal

Dairy: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 2, Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2

Dundee, Mpati Veterinary Clinic

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 1, Dairy: 1

Howick, Howick Veterinary Clinic
Beef: 3
Kokstad, E.G.Veterinary Services
Beef: 2, Sheep: 2
Mooi River, Mooirivier Vet Clinic
Beef: 2, Sheep: 1
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2
Newcastle, Ncandovet Newcastle
Beef: 3
Pietermaritzburg, Richmond Veterinary Clinic
Beef: 2
Underberg, Underberg Veterinary Surgery
Beef: 3, Sheep: 3
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 2
Aliwal North, Uitspan C Troskie
Beef: 1
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 2
Somerset East, Bosberg Veterinary Clinic
Beef: 3
Western Cape
Caledon, Overberg Veterinary Hospital
Sheep: 3
Ceres, Ceres Veterinary Hospital
Goat: 2
Heidelberg WC, Heidelberg Dierekliniek
Dairy: 2
Malmesbury, Dr Otto Kriek
Beef: 2
Malmesbury, Malmesbury Dierehospitaal
Dairy: 3
Riversdal, Riversdal Dierekliniek
Beef: 3
Swellendam, Swellendam Dierehospitaal
Beef: 3
Northern Cape
Kimberley, Kimberley Dierekliniek
Goat: 1

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

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

Beef	2.0 (1)						2.0 (1)		
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Dairy	2.0 (1)			2.0 (2)			3.0 (1)		
Mpumalanga									
Bethal, Bethal Dierekliniek									
Beef: 2									
Nelspruit, Nelspruit Animal Hospital									
Dairy: 2									
Subclinical hypocalcaemia could be a contributing factor.									
Free State									
Bethlehem, Bethlehem Animal Hospital									
Dairy: 3									
Hoopstad, Hoopstad Dierekliniek									
Dairy: 1									
Eastern Cape									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 3									
Somerset East, Bosberg Veterinary Clinic									
Beef: 2									
Metritis									^ _
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)	2.0 (1)		1.0 (1)	1.7 (3)	1.8 (4)	3.0 (1)	2.8 (4)	1.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		2.0 (1)		1.0 (1)	2.0 (1)	2.0 (2)		3.0 (2)	1.0 (1)
Dairy	3.0 (1)				1.0 (1)	1.5 (2)	3.0 (1)	2.5 (2)	
Goat					2.0 (1)				
Mpumalanga									
Delmas, Delmas Konsultasie Dienste									
Dairy: 3									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2									
North West									
Swartruggens, Swartruggens Veterinary Clinic									
Beef: 1									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 2									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Goat: 2									
Hoopstad, Hoopstad Dierekliniek									
Dairy: 1									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Dairy: 1									
Howick, Howick Veterinary Clinic									
Beef: 3									
Mtubatuba, Mtubatuba Animal Clinic									

Dairy: 2
Underberg, Underberg Veterinary Surgery
Beef: 1
Eastern Cape
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 3
Western Cape
Heidelberg WC, Heidelberg Dierekliniék
Dairy: 2
Malmesbury, Dr Otto Kriek
Beef: 3
Malmesbury, Malmesbury Dierehospitaal
Dairy: 3
Swellendam, Swellendam Dierehospitaal
Beef: 3
Northern Cape
Kimberley, Kimberley Dierekliniék
Beef: 1

Poor conception									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.2 (6)	2.0 (1)		3.0 (1)	1.9 (10)	2.0 (9)	1.5 (2)	2.0 (1)	3.0 (1)

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

Beef	2.0 (5)	2.0 (1)		3.0 (1)	1.9 (9)	2.0 (9)	1.5 (2)	2.0 (1)	3.0 (1)
Dairy	3.0 (1)				2.0 (1)				

Mpumalanga
Balfour, Balfour Dierekliniék
Beef: 1
Bethal, Bethal Dierekliniék
Beef: 2
Delmas, Delmas Konsultasie Dienste
Dairy: 3
Ermelo, Môregloed Veterinêre Spreekkamer
Beef: 2
Lydenburg, Lydenburg Dieresprekkamer
Beef: 3
Volksrust, Volksrust Dierehospitaal
Beef: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2
North West
Stella, Stella Dierekliniék
Beef: 3
Free State
Clocolan, Clocolan Dierekliniék
Beef: 3

Frankfort, Frankfort Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Dairy: 2

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Memel, Memel Veterinary Clinic

Beef: 2

Reitz, Riemland Dierekliniek

Beef: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Winburg, Winburg Dierekliniek

Beef: 1

Poor conception due to overfat cows

Zastron, Zastron Dierekliniek

Beef: 3

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

Beef: 1

Estcourt, Estcourt Vet Clinic

Beef: 1

Ingogo, Gen XY Stud Beef Consultancy

Beef: 1

Mooi River, Mooirivier Vet Clinic

Beef: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

Newcastle, Ncandovet Newcastle

Beef: 3

Pietermaritzburg, Richmond Veterinary Clinic

Beef: 2

Underberg, Underberg Veterinary Surgery

Beef: 3

Vryheid, Dr GH Theron

Beef: 3

Rainfall late, cold December, poor growth of grass in January

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

Beef: 2

Somerset East, Bosberg Veterinary Clinic

Beef: 1

Western Cape**Swellendam, Swellendam Dierehospitaal**

Beef: 2

Northern Cape**Kathu, Kathu Dierekliniek**

Beef: 3

As a result of the early seasonal drought a lot of herds suffer from poor conception.

Retained afterbirth

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.5 (2)	1.0 (1)		2.0 (2)	1.3 (4)	1.8 (4)	3.0 (1)	2.0 (3)	

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

Beef	2.0 (1)	1.0 (1)		2.0 (2)	1.5 (2)	1.8 (4)		2.0 (3)	
Dairy	3.0 (1)				1.0 (1)		3.0 (1)		
Sheep					1.0 (1)				

Mpumalanga									
Bethal, Bethal Dierekliniek									
Beef: 2									
Delmas, Delmas Konsultasie Dienste									
Dairy: 3									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 1									
North West									
Stella, Stella Dierekliniek									
Beef: 3									
Swartruggens, Swartruggens Veterinary Clinic									
Beef: 1									
Free State									
Bultfontein, Greylingrust Dieresprekkamer									
Beef: 2									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1, Dairy: 1									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 1									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Beef: 1									
Howick, Howick Veterinary Clinic									
Beef: 3									
Newcastle, Ncandovet Newcastle									
Beef: 1									
Pietermaritzburg, Richmond Veterinary Clinic									
Beef: 2									
Eastern Cape									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 3									
Western Cape									
Ceres, Ceres Veterinary Hospital									
Beef: 1									
Malmesbury, Dr Otto Kriek									
Beef: 3									
Swellendam, Swellendam Dierehospitaal									
Beef: 2									

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				1.7 (6)	1.0 (1)	2.0 (1)	1.0 (2)	

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

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

Mpumalanga									
Bethal, Bethal Dierekliniek									
Sheep: 1									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Sheep: 2									
Frankfort, Frankfort Dierekliniek									
Beef: 2									
Parys, Parys Dierehospitaal									
Dairy: 1									
Reitz, Riemland Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 1, Sheep: 2									
Kwazulu-Natal									
Camperdown, Camperdown Vet Clinic									
Sheep: 1									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Dairy: 2									
Western Cape									
Heidelberg WC, Heidelberg Dierekliniek									
Dairy: 1									
Malmesbury, Malmesbury Dierehospitaal									
Dairy: 1									

Vaginal (Cervical) prolaps									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				1.5 (11)	1.0 (2)	2.0 (1)		

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

Beef					1.5 (6)	1.0 (2)	2.0 (1)		
Sheep	1.0 (1)				1.6 (5)				

Mpumalanga									
Bethal, Bethal Dierekliniek									
Sheep: 1									

Free State									
Bethlehem, Bethlehem Animal Hospital									
Sheep: 1									
Frankfort, Frankfort Dierekliniek									
Beef: 2									
Harrismith, Harrismith Dierehospitaal									
Beef: 2									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1, Sheep: 1									
Kroonstad, Kroonstad Dierehospitaal									
Sheep: 2									
Reitz, Riemland Dierekliniek									
Beef: 2, Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 1, Sheep: 2									
Vrede, Saulshoek Dierepraktyk									
Beef: 1									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Beef: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									

Climatical Cause

Lightning ^

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									
Bethlehem, Bethlehem Animal Hospital									
Beef: 1									

Residues

Drug residues ^

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

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

Eastern Cape**Jeffreys Bay, Cape Cross Veterinary Hospital**

Dairy: 3

Western Cape**Malmesbury, Malmesbury Dierehospitaal**

Dairy: 2

Antibiotics

Report from dr. Marijke Henton, Idexx laboratory, Johannesburg

Pneumonia in feedlot cattle yielded most of the samples this month. *Histophilus somni* [*Haemophilus somnus*] lead in numbers of isolates, followed by *Mannheimia haemolytica* and *Pasteurella multocida*. There were also isolates of other *Mannheimia* species, *Trueperella*[*Arcanobacterium*] *pyogenes* and a single case of *Bibersteinia trehalosi* [was *Pasteurella haemolytica* type T]. It was previously thought that *B. trehalosi* only infected sheep about 6-9 months of age, but it has now been shown that it can also infect cattle. *B. trehalosi* was also isolated from a sheep with pneumonia.

Actinobacillus pleuropneumoniae caused pneumonia in pigs. Serotyping is carried out at OVI by Dr Awoke Kidanemariam.

Trueperella pyogenes was isolated from abscesses in sheep, cattle, and goats, as well as oryx and nyala. In several cases the anaerobe, *Porphyromonas*, was found together with it. *T. pyogenes* has a symbiotic relationship with anaerobes, and opening up abscesses and exposing the contents to oxygen helps the healing process. Only one sheep abscess was due to *Corynebacterium pseudotuberculosis*. *Trueperella pyogenes* is very commonly isolated from a large variety of wildlife species.

Lumpy wool, caused by *Dermatophilus congolensis*, was isolated from sheep skin scabs.

Although *E. coli* was isolated from cases of enteritis in calves [3] and pigs [3], they were probably all only secondary infections.

One cattle abortion was due to *Brucella abortus*. *Actinomyces bovis* caused arthritis in a bull. *A. bovis* is best known as the cause of lumpy jaw, but it can cause other purulent conditions in cattle.

Feedlot report from drs. Eben du Preez and Shaun Morris**Sheep feed lots**

Deaths due to salmonellosis are still occurring mainly in sheep from the Eastern Cape.

Pulpy kidney mortalities were declining and pneumonia was generally seen in younger and lighter weight lambs.

Numerous livers were condemned due to liver abscessation at abattoirs. In these cases there were no rumen damage. The widespread abscesses most probably derive from navel infections which lambs contracted from infected camps and kraals shortly after birth.

Livers were also condemned due to parasite migration in the liver.

Torsion of the intestines as well as a few cases of blood gut in the adaptation period caused losses.

Cattle feed lots

Numerous deaths occurred due pneumonia. Contributing factors were adverse weather conditions. Purchasing of weaners occurred to quickly the result was a bottle neck with the result that calves could not be processed in time.

Many underweight calves arrived diseased and deaths occurred within days after arriving at the feedlot. Pneumonia was in most cases the reason for death.

Poor quality calves are always unwanted. Poor genetics, a mineral and vitamin A deficiency, poor nutritional status and internal and external parasitism are all contributing factors to weaners not adapting and dying.

Numerous BVD permanent infected calves were among groups of calves with high morbidity and mortality.

Numerous calves died soon after arrival. At necropsy samples were taken and heart failure was diagnosed. Plant poisoning was probably the reason for the heart failure and secondary liver damage contributed to mortalities

Blackquarter caused deaths in cattle that had been in the feedlot for some time. Most probably bruising occurred which gave the ideal anaerobic conditions for the clostridial spores to germinate.

Farmers should make sure that they vaccinate their cattle against all the clostridial bacteria causing blackquarter. Bulls also fight causing bruising – such a death could be very expensive.

Newsletter from Humansdorp: dr. Francois van Niekerk

HUMANSDORP VETERINARY CLINIC

SUIWELNUUSBRIEF / DAIRY NEWSLETTER

KNOPVELSIEKTE : OORDRAGING DEUR BOSLUISE

Onlangse navorsing het bewys dat [ten minste] drie spesies van bosluis, naamlik blou-, bruin-oor en bontbosluise knopvelsiekte kan oordra.

PAIN RELIEF

We tend to ignore the effects of pain on animals thinking [stupidly?] that they have a higher pain threshold than humans. However, scientific research has proved that pain relief leads to greater production. In a trial involving large numbers of calves, pain relief with a registered drug at dehorning resulted in a higher growth rate and more than paid for the drug! Contact your veterinarian for more information.

RONDEWURMS IN MELKKOEIE

Inwendige parasiete kan wel skade in volwasse suiwelkoeie veroorsaak en voer-inname en produksie nadelig nadelig beïnvloed, maar hoe meet ons wurmgetalle? Misseier-tellings is in beste, as gevolg van die volume mis, veel minder akkuraat as in skape en kan misleidende vals negatiewe resultate gee.

Herkouers ontwikkel teenliggame teen rondewurms en 'n toets wat teenliggame teen bruinmaagwurm in **massatenmelk** meet, is kommersieel beskikbaar.

CLEAN UP BULLS [“opvolg bulle”]

Bulls in dairy herds are often assumed to be free of venereal disease and fertile. This is in fact frequently **not** the case. Venereal diseases such as trichomonosis and vibriosis constitute a serious risk [resorptions and abortions] and unfertile or sub-fertile bulls obviously pose the risk of poor conceptions.

We **strongly recommend** that all bulls are tested annually to ensure their breeding soundness i.e. fertility and freedom from venereal disease.

The **high risk** associated with **borrowing** or **lending** clean up bulls is obvious.

BST

Ongeoorloofde gebruik van BST kan koei kondisie erg benadeel en veroorsaak daardeur toekomstige produksie- en reproduksieverliese. Verkoopslui wat kort termyn omset jaag, ignoreer dikwels die boer se lang termyn finansiële welvaart. BST moet selektief en nie voor die voet aangewend word nie!!

HUMAN TUBERCULOSIS

Human TB [associated with AIDS] is South Africa's biggest killer. Attempting to diagnose TB based on questioning of farm workers is ludicrous. The minimum effective test is culture of sputum which you should negotiate with your milk buyer to have done for you in their laboratory.