

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

December 2013

Introduction and summary of diseases and other conditions during December 2013

In December 2013, 91 reports were received from veterinary practices covering most areas of South Africa.

Weather conditions: Good rains fell in the eastern part but extremely dry conditions are still present in some areas in the western and central areas of the country. Very wet conditions occurred in some areas of the Western Cape.

Influence of weather conditions on animal health:

Internal parasites: Reports of **severe wire worm infestations** were received from areas where good rainfall was recorded. Farmers should monitor their animals regularly for signs of verminosis such as pale mucous membranes, bottle jaw, diarrhoea and weight loss. Check with your veterinarian which **anthelmintic groups** to use as **drug resistance** of parasites is rife.

External parasites: Ticks love warm and humid conditions. Looking at the maps it becomes apparent that **blue, bont-legged, brown ear and bont tick** numbers have increased dramatically. With the increase in tick numbers, reports of tick transmitted diseases such as **African and Asiatic red water, anaplasmosis and heartwater** were received. Many cases of **sweating sickness** caused by a toxin of the bont-legged tick occurred. It is important that tick control measures should be discussed as **tick resistance** to acaricides should be taken into consideration. Even if there are no problems presently controlling ticks, by following a wrong tick control strategy, selection for resistance may occur. Make sure to prevent **tick damage** to udders, ears and hides. Ticks with long mouth parts cause abscesses and foot abscesses. Reports of **screw-worm** infestations were received. This may lead to death.

Reports of **insect transmitted** diseases such as **lumpy skin disease, three day stiff sickness, blue tongue** and **African horse sickness** were received. As these diseases are viruses vaccination is the route to go to prevent these diseases occurring. Discuss vaccination programmes with your veterinarian. A **Rift valley fever** scare was received from Somerset East but could not be confirmed histologically. However with good rains that fell in certain parts of the country resulting in mosquito breeding havens, vaccination programmes and awareness of this devastating disease should not be neglected. An increase in **flies** brought about an increase in **ophthalmia, calf diarrhoea** and **mastitis** as these insects transmit pathogens. Their role in the transmission of **brucellosis** should not be underestimated.

Diseases: Bacterial diseases that were reported are **blackquarter, swelled head, pulpy kidney,**

botulism, tetanus, blood gut, red gut, pasteurellosis, *Esherichia coli*, brucellosis, ram's disease, leptospirosis, abscesses, foot rot and mastitis. Most of these diseases can be prevented with a good managed **vaccination programme**.

Other viral diseases that were reported are **bovine malignant catarrh (snotsiekte), rota and corona viruses** causing diarrhoea in calves, **enzootic bovine leucosis (EBL), BVD, IBR, orf and warts.** Discuss your vaccination programme with your veterinarian. A case of **rabies** was reported where a cat attacked a person in her house – always be alert that this disease can be present!

Venereal diseases: Every month **trichomonosis** and **vibriosis** are reported. These diseases cost farmers millions of Rand due to loss of potential calves not born.

Biosecurity measures should be implemented every day to prevent economic losses!

Poisonings: The following poisonings were reported – **urea, tulip, Lantana, gousiekte, ink berry, Lippia, slangkop, Ranunculus spp., Galenia (waterpens), chinkerinchee, prussic acid, acidosis, geeldikkop, mycotoxycosis (fungi), copper and lead.** About 30 animals died when eating green feed that had been contaminated with the fungus *Aspergillus clavatus*.

Fertility: due to drought conditions that existed before the breeding season, farmers should make sure that their animals are cycling. In certain areas the breeding season may have to be extended. Discuss with your veterinarian to do early pregnancy examinations so as to assess the situation on the farm.

Level of Reporting

The following veterinarians submitted reports for December 2013:

Mpumalanga

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

Gauteng

Bapsfontein - dr. Matthew Legg
Bronkhorstspuit – drs. De Bruin, De Bruin, Rudolph and Slabber
Nigel – dr. Cindy van der Westhuizen
Pretoria – dr. Hanneke Pienaar

Limpopo

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

North West

Brits – drs. Boshoff and Hahn
Christiana - dr. Pieter Nel
Leeudoringstad - dr. Ian Jonker
Rustenburg – drs. Gaigher, Grobler, Sparks, Van Egdom, Van Rooyen, Goosen and Van Rensburg
Schweizer-Reneke - dr. N.J. Heyns
Stella - dr. Magdaleen Vosser
Ventersdorp – dr. Oloff Marais

Free State

Bethlehem – dr. Henk Basson
Bloemfontein - dr. Stephan Wessels
Bothaville – dr. Johan Blaauw
Clocolan – drs. Marwick and Wasserman
De Wetsdorp – dr. Marike Badenhorst
Frankfort - dr. Dries Lessing
Harrismith - drs. Pretorius, Thirion and Nel
Heilbron – dr. Piet van Zyl
Hertzogville - drs. Hendrikz and Naudé
Hoopstad - dr. Kobus Pretorius
Kroonstad – drs. Daffue, Eksteen, Van Zyl and Van der Walt
Ladybrand- drs. Van Hasselt and De Vos
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
Zastron – dr. Phillip Brandt

KwaZulu-Natal

Bergville - drs. Ariena Shepherd and Robyn Hamman
Bergville – dr. Jubie Muller
Dundee - dr. Tony Grace
Dundee – dr. Jacque Marais
Estcourt – drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar
Howick - dr. Stephen Hughes
Mooi River - drs. Fowler, Hartley and Mallet

Mtubatuba – dr. Trever Viljoen
Newcastle – dr. Barry Rafferty and Oglesby
Pietermaritzburg – dr. Phillip Kretzmann
Pietermaritzburg – dr. Rick Mapham
Pongola - dr. Silke Pfitzer
Pongola – dr. Heinz Kohrs
Underberg - drs. Collins, King and Delaney
Vryheid – dr. Gert Theron

Eastern Cape

Alexandria - -dr. Johan Olivier
Aliwal North – drs. Troskie and Strauss
Cradock – dr. Frans Erasmus
Graaff- Reinet - dr. Roland Larson
Humansdorp - drs. Van Niekerk, Jansen Van Vuuren, Barker and Kotze
Somerset East – drs. Farrel and Louw
Stutterheim – dr. Dave Waterman
Tsitsikamma – drs. Lategan, Hoek and McFarlane
Uitenhage – dr. Riaan Mulder

Western Cape

Beaufort West - drs. Pienaar and Grobler
Darling – drs. Van der Merwe and Adam
George - drs. Strydom, Truter, and Pettifer
Heidelberg – dr. Albert van Zyl
Malmesbury – dr. Otto Kriek
Malmesbury – dr. John Liebenberg
Oudtshoorn – dr. Glen Carlisle
Plettenberg Bay – dr. André Reitz
Plettenberg Bay – dr. Stephan Nell
Stellenbosch – dr. Alfred Kidd
Swellendam – dr. Jacques Malan
Vredenburg - dr. Izak Rust
Wellington – dr. William van Zyl

Northern Cape

Kathu – dr. Jan Vorster
Upington - dr. Ian Vorster

Feed lots

Drs. Morris and Du Preez

Laboratory reports

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

General disease trends and discussion as informally reported by veterinarians

Index

[Internal parasites](#)

[External parasites](#)

[Tick borne diseases](#)

[Insect transmittable diseases](#)

[Venereal diseases](#)

[Other bacterial diseases](#)

[Other viral diseases](#)

[Fungal diseases](#)

[Other protozoal diseases](#)

[Poisonings](#)

[Disease conditions that are caused by more than one organism or disease causing factor](#)

[Nutritional deficiencies](#)

[Ostriches](#)

[Horses](#)

[Pigs](#)

[Game](#)

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Internal parasites

Roundworms

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	7	2	4	1	13	8	5	6	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	3	3	2	2	2	3	2	
Species affected	B,O,C	O	O,C	O	O,C	B,O,C	B,O	O,C	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Intestinal roundworms (O,C 1)

Ermelo: dr. Gert Oosthuizen

Intestinal roundworms (O 3)

Lydenburg: dr. Gustav Trümpelmann
Intestinal roundworms (B 1, O 2) especially wireworm in sheep.

Middelburg: drs. Fourie and Barkhuizen
Intestinal roundworms (O 2)

Nelspruit: dr. André Beytell
Intestinal roundworms (C 1)

Standerton: dr. Kobie Kroon
Intestinal roundworms (O 3)

Volksrust: dr. André Visser
Intestinal roundworms (O, C 2)

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin, Rudolph and Slabber
Intestinal roundworms (O 2)

Pretoria: dr. Hanneke Pienaar
Intestinal roundworms (O 3)

Limpopo

Bela-Bela: dr. Marius du Toit
Intestinal roundworms (O, C 3) mainly wireworm but also saw bankruptworm and brown stomachworm.

Machado: dr. Freddie Harris
Intestinal roundworms (O 3) especially wireworm.

Modimolle: drs. Huber, Bredell and Barnard
Intestinal roundworms (O, C 3) especially wireworm infestation.

Mokopane: dr. Henk Visser
Intestinal roundworms (O 2)

North West

Rustenburg: drs. Gaigher, Grobler, Sparks, Van Egdom, Van Rooyen, Goosen and Van Rensburg
Intestinal roundworms (O 2)

Free State

Bloemfontein: dr. Stephan Wessels
Intestinal roundworms (O 2)

Clocolan: drs. Marwick and Wasserman
Intestinal roundworms (O 3)

Frankfort: dr. Dries Lessing
Intestinal roundworms (O 2)

Harrismith: drs. Thirion, Nel and Pretorius
Intestinal roundworms (O 2) Some outbreaks of wireworm where management is not up to standard.

Heilbron: dr. Piet van Zyl
Intestinal roundworms (O 3) wireworm

Hertzogville: drs. Hendrikz and Naudé
Intestinal roundworms (O 3)

Hoopstad: dr. Kobus Pretorius
Intestinal roundworms (O 2)

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

Intestinal roundworms (O,C 2)

Memel: dr. Neil Nixon

Intestinal roundworms (O 2)

Reitz: dr. Murray Smith

Intestinal roundworms (O 3)

Viljoenskroon: dr. Johan Kahts

Intestinal roundworms (O 2)

Villiers: drs. Hattingh and Hauptfleisch

Intestinal roundworms (O 2)

Zastron: dr. Philip Brandt

Intestinal roundworms (O 1)

KwaZulu-Natal

Bergville: dr. Ariena Shepherd

Intestinal roundworms (O 1)

Dundee: dr. Tony Grace

Intestinal roundworms (B,O,C 3)

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

Intestinal roundworms (O,C 2)

Howick: dr. Stephen Hughes

Intestinal roundworms (O 3)

Mtubatuba: dr. Trever Viljoen

Intestinal roundworms (B,C 2)

Pietermaritzburg: dr. Phillip Kretzmann

Intestinal roundworms (B,O,C 2)

Pongola: dr. Heinz Kohrs

Lung worms (C 2)

Vryheid: dr. Gert Theron

Wireworm infestation (O 3)

Eastern Cape

Aliwal North: drs. Troskie and Strauss

Intestinal roundworms (O 2)

Cradock dr. Frans Erasmus

Intestinal roundworms (O 3) wireworm infestation is a big problem after good rains.

Graaff-Reinet: dr. Roland Larson

Intestinal roundworms (O 2)

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé

Intestinal roundworms (B 1, O 3)

Somerset East: drs. Farrel and Louw

Intestinal roundworms (B,O 3) wireworm infestations.

Western Cape

Beaufort West: drs. Pienaar and Grobler

Intestinal roundworms (O 2)

George: drs. Strydom, Truter and Pettifer

Intestinal roundworms (O 3)

Malmesbury: dr. John Liebenberg

Intestinal roundworms (O,C 2)

Oudtshoorn: dr. Glen Carlisle

Intestinal roundworms (O 1)

Swellendam: dr. Jacques Malan

Intestinal roundworms (O 1)

Wellington: dr. William van Zyl

Intestinal roundworms (O 2) wireworm outbreaks in 3 flocks.

Resistant roundworms

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	2	2	2				1	2	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	2	3				3	2	
Species affected	O,C	O	O				O	O	

Mpumalanga**Balfour: dr. Louis van Jaarsveld**

Resistant roundworms (O 1)

Nelspruit: dr. André Beytell

Resistant roundworms (C 2) November and December are normally very humid months in the southern Lowveld due to misty rain that can continue for long periods. Heavy nematode burdens build up on pastures under semi intensive systems. Monitoring and dosing do not solve the problem.

Gauteng**Bronkhorstspuit: drs. De Bruin, De Bruin, Rudolph and Slabber**

Resistant roundworms (O 1)

Pretoria: dr. Hanneke Pienaar

Resistant roundworms (O 2)

Limpopo**Machado: dr. Freddie Harris**

Resistant wireworm (O 2) ivermectin resistance.

Modimolle: drs. Huber, Bredell and Barnard

Resistant wireworm (O 3)

Eastern Cape**Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé**

Resistant roundworms (O 3)

Western Cape**George: drs. Strydom, Truter and Pettifer**

Resistant roundworms (O 3)

Malmesbury: dr. John Liebenberg

Resistant roundworms (O 1)

Tapeworms

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	5	1	1	2	3	3	3	2	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	3	1	3	2	2	1	1	
Species affected	B,O	O	B,O	B,O	O	B,O,C	B,O	O	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Tapeworms (B,O 1)

Nelspruit: dr. André Beytell

Tapeworms (C 1)

Measles (cysticercosis) (B 3)

Piet Retief : drs. Niebuhr and Weber

Measles (cysticercosis) (B 1)

Standerton: dr. Kobie Kroon

Tapeworms (O 3)

Volksrust: dr. André Visser

Tapeworms (O 2)

Gauteng

Pretoria: dr. Hanneke Pienaar

Tapeworms (O 3)

Limpopo

Mokopane: dr. Henk Visser

Tapeworms (B,O 1)

North West

Leeudoringstad: dr. Ian Jonker

Tapeworms (B 3) even in a 630kg animal found a 1,5 meter tapeworm in the dung.

Brits: dr. Boshoff and Hahn

Tapeworms (O 3)

Free State

Bloemfontein: dr. Stephan Wessels

Tapeworms (O 2)

Reitz: dr. Murray Smith

Tapeworms (O 2)

Villiers: drs. Hattingh and Hauptfleisch

Tapeworms (O 1)

KwaZulu-Natal

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

Tapeworms (O,C 1)

Mtubatuba: dr. Trever Viljoen

Tapeworms (O 2)

Pietermaritzburg: dr. Phillip Kretzmann

Tapeworms (B 2)

Eastern Cape

Alexandria: dr. Johan Olivier

Tapeworms (B 1)

Graaff-Reinet: dr. Roland Larson

Tapeworms (O 1)

Tsitsikamma: drs. Lategan, Hoek and McFarlane

Cysticercosis (measles) (B 1)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Tapeworms (O 1)

Malmesbury: dr. John Liebenberg

Tapeworms (O 1)

Liver fluke worms

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	2				2	2	2		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2				2	2	2		
Species affected	B				B,O	B	O		

Mpumalanga**Balfour: dr. Louis van Jaarsveld**

Liver fluke worms (B 1)

Middelburg: drs. Fourie and Barkhuizen

Liver fluke worms (B 2) The livers of cattle treated with the best active against liver fluke (triclabendazole) are still condemned at the abattoir. Reinfestation with liver fluke is a big problem. None of the actives have a residual action against liver fluke.

Free State**Memel: dr. Neil Nixon**

Liver fluke worms (B,O 2)

Villiers: drs. Hattingh and Hauptfleisch

Liver fluke (B,O 1)

KwaZulu Natal**Pongola: dr. Heinz Kohrs**

Liver fluke (B 1)

Vryheid: dr. Gert Theron

Liver fluke (B 2)

Eastern Cape**Somerset East: drs. Farrel and Louw**

Liver fluke (O 2)

Tsitsikamma: drs. Lategan, Hoek and McFarlane

Liver fluke (2)

Conical fluke (Paramphistomosis)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	2		2		3	2	2		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2		2		2	2	2		
Species affected	B		B		B,O	B	B,O		

Mpumalanga**Balfour: dr. Louis van Jaarsveld**

Conical fluke (B 1)

Ermelo: dr. Ben Potgieter

Conical fluke (B 2)

Limpopo

Machado: dr. Freddie Harris

Conical fluke (B 2)

Modimolle: drs. Huber, Bredell and Barnard

Conical fluke (B 1)

FreeState

Ladybrand drs. Van Hasselt and De Vos

Conical fluke (O 3)

Villiers: drs. Hattingh and Hauptfleisch

Conical fluke (B 1)

Zastron: dr. Philip Brandt

Conical fluke (B 2)

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen

Conical fluke (B 2)

Pongola: dr. Heinz Kohrs

Conical fluke (B 1)

Eastern Cape

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé

Conical fluke (B 2)

Somerset East: drs. Farrel and Louw

Conical fluke (O 2) immature infestation.

Parafilaria

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease			2		1	1			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance			2		2	2			
Species affected			B		B	B			

Limpopo

Machado: dr. Freddie Harris

Parafilaria (B 3)

Mokopane: dr. Henk Visser

Parafilaria (B 1)

Free State

Zastron: dr. Philip Brandt

Parafilaria (B 2)

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen

Parafilaria (B 2)

External parasites

Blue Ticks

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	9	2	3	2	11	14	5	3	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3	2	2	3	2	3	2	3	
Species affected	B	B,O	B	B	B,O	B,O,C	B	B,O	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Blue ticks (B,O,C 2)

Ermelo: dr. Ben Potgieter

Blue ticks (B 3)

Ermelo: dr. Gert Oosthuizen

Blue ticks (B 3)

Heidelberg: dr. Johan Jooste

Blue ticks (B 2)

Lydenburg: dr. Gustav Trümpelmann

Blue ticks (B 1)

Middelburg: drs. Fourie and Barkhuizen

Blue ticks (B 3)

Nelspruit: dr. André Beytell

Blue ticks (B 3)

Standerton: drs. Kobie Kroon

Blue ticks (B 3)

Volksrust: dr. André Visser

Blue ticks (B 3)

Gauteng

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

Blue ticks (B 1)

Pretoria: dr. Hanneke Pienaar

Blue ticks (O 2)

Limpopo

Bela-Bela: dr. Marius du Plooy

Blue ticks (B 3)

Modimolle: drs. Huber, Bredell and Barnard

Blue ticks (B 3)

Mokopane: dr. Henk Visser

Blue ticks (B 1)

North West

Schweizer-Reneke: dr. N.J. Heyns

Blue ticks (B 3)

Stella: dr. Magdaleen Vosser

Blue ticks (B 3)

Free State

Bethlehem: dr. Henk Basson

Blue ticks (B 1) hardly any ticks seen.

Clocolan: drs. Marwick and Wasserman

Blue ticks (B,O 3)

Frankfort: dr. Dries Lessing

Blue ticks (B 3)

Heilbron: dr. Piet van Zyl

Blue ticks (B 1)

Hertzogville: drs. Hendrikz and Naudé

Blue ticks (B 2)

Hoopstad: dr. Kobus Pretorius

Blue ticks (B,O 3)

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

Blue ticks (B 3)

Ladybrand: drs. Van Hasselt and De Vos

Blue ticks (B,O 1)

Memel: dr. Neil Nixon

Blue ticks (B 2)

Reitz: dr. Murray Smith

Blue ticks (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Blue ticks (B 2)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Blue ticks (B 1)

Bergville: dr. Jubie Muller

Blue ticks (B 3)

Dundee: dr. Tony Grace

Blue ticks (B 3)

Dundee: dr. Jacque Marais

Blue ticks (B 3)

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

Blue ticks (B 2)

Howick: dr. Stephen Hughes

Blue ticks (B 3)

Mooi River: drs. Fowler, Hartley and Mallet

Blue ticks (B 3)

Mtubatuba: dr. Trever Viljoen

Blue ticks (B 3)

Newcastle: Rafferty and Oglesby

Blue ticks (B 3)

Pietermaritzburg: dr. Phillip Kretzmann

Blue ticks (B,O,C 3)

Pongola: dr. Silke Pfitzer

Blue ticks (B 2)

Pongola: dr. Heinz Kohrs

Blue ticks (B 1)

Underberg: drs. Collins, King and Delaney

Blue ticks (B 2)

Vryheid: dr. Gert Theron

Blue ticks (B 3)

Eastern Cape

Alexandria: dr. Johan Olivier

Blue ticks (B 3)

Aliwal North: drs. Troskie and Strauss

Blue ticks (B 2)

Cradock dr. Frans Erasmus

Blue ticks (B 3) good rainfall.

Somerset East: drs. Farrel and Louw

Blue ticks (B 1)

Uitenhage: dr. Riaan Mulder

Blue ticks (B 2)

Western Cape

George: drs. Strydom, Truter and Pettifer

Blue ticks (B 3)

Malmesbury: dr. John Liebenberg

Blue ticks (B 3)

Oudtshoorn: dr. Glen Carlisle

Blue ticks (B,O 2)

Resistant ticks

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1				1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1				1				
Species affected	B				B				

Mpumalanga

Nelspruit: dr. André Beytell

Resistant blue ticks (B 1)

Free State

Villiers: drs. Hattingh and Hauptfleisch

Resistant blue ticks (B 1)

Bont-legged ticks

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	2	2	5	3	3	2	2	1	1
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	3	2	3	3	3	3	2	2
Species affected	B,O	B,O	B,O,C	B	B,O	B	B,O,C	B,O	B

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Bont-legged ticks (B,O 1)

Ermelo: dr. Ben Potgieter

Bont-legged ticks (B 2)

Gauteng

Bronkhorstspruit: drs. De Bruin, De Bruin, Rudolph and Slabber

Bont-legged ticks (B,O,E 3)

Pretoria: dr. Hanneke Pienaar

Bont-legged ticks (O 2)

Limpopo

Bela-Bela: dr. Marius du Toit

Bont-legged ticks (B,O 3)

Machado: dr. Freddie Harris

Bont-legged ticks (B 3)

Modimolle: drs. Huber, Bredell and Barnard

Bont-legged ticks (B,O 3)

Mokopane: dr. Henk Visser

Bont-legged ticks (B 1)

Polokwane: dr. Gavin Watson

Bont-legged ticks (B,O,C 2)

North West

Leeudoringstad: dr. Ian Jonker

Bont-legged ticks (B 3)

Schweizer-Reneke: dr. N.J. Heyns

Bont-legged ticks (B 3)

Stella: dr. Magdaleen Vosser

Bont-legged ticks (B 3)

Free State

Bethlehem: dr. Henk Basson

Bont-legged ticks (B 1) towards western part of our area.

Bloemfontein: dr. Stephan Wessels

Bont-legged ticks (B 3)

Clocolan: drs. Marwick and Wasserman

Bont-legged ticks (B 3)

Frankfort: dr. Dries Lessing

Bont-legged ticks (B 3) tick numbers increasing year by year.

Heilbron: dr. Piet van Zyl

Bont-legged ticks (B,O 3) causing foot abscesses.

Hertzogville: drs. Hendrikz and Naudé

Bont-legged ticks (B 3)

Christiana: dr. Pieter Nel

Bont-legged ticks (B,O 3)

Hoopstad: dr. Kobus Pretorius

Bont-legged ticks (B,O 3)

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

Bont-legged ticks (B,O 3)

Ladybrand: drs. Van Hasselt and De Vos

Bont-legged ticks (B,O 3)

Parys: drs. Wessels and Van den Berg

Bont-legged ticks (B 3)

Viljoenskroon: dr. Johan Kahts

Bont-legged ticks (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Bont-legged ticks (B 2)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Bont-legged ticks (B 3)

Underberg: drs. Collins, King and Delaney

Bont-legged ticks (B 3)

Eastern Cape

Cradock dr. Frans Erasmus

Bont-legged ticks (B,O 3) causing foot abscesses.

Somerset East: drs. Farrel and Louw

Bont-legged ticks (B,O,C 3) numerous ticks causing foot abscesses.

Western Cape

Oudtshoorn: dr. Glen Carlisle

Bont-legged ticks (B,O 1)

Northern Cape

Kathu: dr. Jan Vorster

Bont-legged ticks (B 2)

Red-legged ticks

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1		1	3	2	2			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1		1	3	3	3			
Species affected	B,O		B	B	B	B,O,E			

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Red-legged ticks (B,O 1)

Limpopo

Mokopane: dr. Henk Visser

Red-legged ticks (B 1)

North West

Christiana: dr. Pieter Nel

Red-legged ticks (B 3)

Leeudoringstad: dr. Ian Jonker

Red-legged ticks (B 3)

Schweizer-Reneke: dr. N.J. Heyns

Red-legged ticks (B 3)

Free State

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

Red-legged ticks (B 3)

Parys: drs. Wessels and Van den Berg

Red-legged ticks (B 3)

KwaZulu-Natal

Dundee: dr. Tony Grace

Red-legged ticks (B,O,E 3)

Brown ear-ticks

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	8	1	5	2	3	6		1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	3	3	3	2	3		2	
Species affected	B	B,E	B	B	B	B		B	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Brown ear-ticks (B 2)

Ermelo: dr. Gert Oosthuizen

Brown ear-ticks (B 2)

Ermelo: dr. Ben Potgieter

Brown ear-ticks (B 1)

Lydenburg: dr. Gustav Trümpelmann

Brown ear-ticks (B 3)

Middelburg: drs. Fourie and Barkhuizen

Brown ear-ticks (B 3)

Nelspruit: dr. André Beytell

Brown ear-ticks (B 3)

Standerton: dr. Kobie Kroon

Brown ear-ticks (B 3)

Volksrust: dr. André Visser

Brown ear-ticks (B 2)

Gauteng

Bronkhorstspruit: drs. De Bruin, De Bruin, Rudolph and Slabber

Brown ear-ticks (B,E 3)

Limpopo

Bela-Bela: dr. Marius du Toit

Brown ear-ticks (B 3)

Machado: dr. Freddie Harris

Brown ear-ticks (B 3)

Mokopane: dr. Henk Visser

Brown ear-ticks (B 3)

Polokwane: dr. Gavin Watson

Brown ear-ticks (B 3) Massive infestation of ticks in the last week of December.

Vaalwater: dr. Hampie van Staden

Brown ear-ticks (B 3)

North West

Leeudoringstad: dr. Ian Jonker

Brown ear-ticks (B 3)

Ventersdorp: dr. Oloff Marais

Brown ear-ticks (B 3)

Free State**Frankfort: dr. Dries Lessing**

Brown ear-ticks (B 1) The first time that we saw these ticks between Villiers and Balfour.

Memel: dr. Neil Nixon

Brown ear-ticks (B 1)

Villiers: drs. Hattingh and Hauptfleisch

Brown ear-ticks (B 3)

KwaZulu-Natal**Dundee: dr. Jacque Marais**

Brown ear-ticks (B 3)

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

Brown ear-ticks (B 2)

Mtubatuba: dr. Trever Viljoen

Brown ear-ticks (B 3)

Newcastle: Rafferty and Oglesby

Brown ear-ticks (B 3)

Pongola: dr. Heinz Kohrs

Brown ear-ticks (B 2)

Vryheid: dr. Gert Theron

Brown ear-ticks (B 3)

Western Cape**Oudtshoorn: dr. Glen Carlisle**

Brown ear-ticks (B 2)

Bont ticks (*Amblyomma hebraeum*) Heartwater ticks

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	3	2	6	3		7	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	3	3	2		2	3		
Species affected	B	B,O	B,O,C	B,O		B,O,C	B		

Mpumalanga**Middelburg: drs. Fourie and Barkhuizen**

Bont ticks (B 1)

Nelspruit: dr. André Beytell

Bont ticks (B 3)

Volksrust: dr. André Visser

Bont ticks (B 2)

Gauteng**Bronkhorstspuit: drs. De Bruin, De Bruin, Rudolph and Slabber**

Bont ticks (B 2)

Pretoria: dr. Hanneke Pienaar

Bont ticks (O 3)

Limpopo

Bela-Bela: dr. Marius du Toit

Bont ticks (B 3)

Machado: dr. Freddie Harris

Bont ticks (B,O,C 3)

Modimolle: drs. Huber, Bredell and Barnard

Bont ticks (B,O 2)

Mokopane: dr. Henk Visser

Bont ticks (B,O,C 3)

Polokwane: dr. Gavin Watson

Bont ticks (B,O,C 3)

Vaalwater: dr. Hampie van Staden

Bont ticks (B 1)

North West

Brits: dr. Boshoff and Hahn

Bont ticks (B,O 3)

Christiana: dr. Pieter Nel

Bont ticks (B 1)

Stella: dr. Magdaleen Vosser

Bont ticks (B 3)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Bont ticks (B 3)

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

Bont ticks (B 2)

Mtubatuba: dr. Trever Viljoen

Bont ticks (B,C 3)

Pietermaritzburg: dr. Phillip Kretzmann

Bont ticks (B,O 2)

Pongola: dr. Heinz Kohrs

Bont ticks (B,O,C 2)

Pongola: dr. Silke Pfitzer

Bont ticks (B 2)

Vryheid: dr. Gert Theron

Bont ticks (B 1)

Eastern Cape

Alexandria: dr. Johan Olivier

Bont ticks (B 3)

Paralysis Ticks

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease					1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					1				
Species affected					0				

Free State

Villiers: drs. Hattingh and Hauptfleisch

Paralysis ticks (O 1)

Biting Lice

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1				2				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3				1				
Species affected	O				B,O				

Mpumalanga

Standerton: dr. Kobie Kroon

Biting lice (O 3)

Free State

Hoopstad: dr. Kobus Pretorius

Biting lice (B 1)

Villiers: drs. Hattingh and Hauptfleisch

Biting lice (O 1)

Sucking Lice

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease					1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					1				
Species affected					B				

Free State

Hoopstad: dr. Kobus Pretorius

Sucking lice (B 1)

Mites

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease		1			1	1		1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance		1			1	2		1	
Species affected		B			O	O		O	

Gauteng

Nigel: dr. Cindy van der Westhuizen

Mites (B 1) *Sarcoptes* mites in a calf.

Free State

Reitz: dr. Murray Smith

Mites (O 1)

KwaZulu-Natal

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

Mites (O 2)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Sheep scab (O 1) Most probably the mites were transported by shearers. The farm had been adjacent to game farms. The sheep were sheared one month before they were moved to summer grazing.

Nuisance and biting flies,

Province	Mpumalanga	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	6		2	4	5	5	4	4	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3		3	3	3	2	3	3	
Species affected	B,O,C		B	B,O,C	B,O	B,O,C	B	B,O,C	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Nuisance flies and biting flies (B,O,C 2)

Bethal: dr. Hardus Pieters

Nuisance and biting flies (B,O 3) wet conditions play a role, causing ophthalmia.

Ermelo: dr. Ben Potgieter

Nuisance and biting flies (B 3)

Nelspruit: dr. André Beytell

Nuisance and biting flies (B,O,C 3)

Standerton: dr. Kobie Kroon

Nuisance and biting flies (B,O 3)

Volksrust: dr. André Visser

Nuisance and biting flies (B,O 3)

Limpopo

Bela-Bela: dr. Marius du Toit

Nuisance and biting flies (3)

Mokopane: dr. Henk Visser

Nuisance and biting flies (B 2)

North West

Brits: dr. Boshoff and Hahn

Nuisance and biting flies (B,O,C 3)

Leeudoringstad: dr. Ian Jonker

Nuisance and biting flies (B 3)

Schweizer-Reneke: dr. N.J. Heyns

Nuisance and biting flies (B 3)

Stella: dr. Magdaleen Vosser

Nuisance and biting flies (B 3)

Free State

Frankfort: dr. Dries Lessing

Nuisance flies (B 3)

Heilbron: dr. Piet van Zyl

Nuisance and biting flies (B 3)

Hoopstad: dr. Kobus Pretorius

Nuisance and biting flies (O 2)

Viljoenskroon: dr. Johan Kahts

Nuisance and biting flies (B,O 3)

Villiers: drs. Hattingh and Hauptfleisch

Nuisance and biting flies (B,O 3)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Nuisance and biting flies (B 3)

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

Nuisance and biting flies (B,O 2)

Dundee: dr. Tony Grace

Nuisance and biting flies (B,O,C 3) The heat and rain caused a massive increase in fly worry... swallows are present in large numbers and we hope that they will impact on the fly burdens.

Mtubatuba: dr. Trever Viljoen

Nuisance and biting flies (B,C 3)

Pongola: dr. Heinz Kohrs

Nuisance flies (B 1)

Eastern Cape

Alexandria: dr. Johan Olivier

Nuisance and biting flies (B 3)

Swellendam: dr. Jacques Malan

Nuisance and biting flies (B 3)

Tsitsikamma: drs. Lategan, Hoek and McFarlane

Nuisance flies (B 3)

Uitenhage: dr. Riaan Mulder

Nuisance and biting flies (B 3)

Western Cape

Darling: drs. Van der Merwe and Adam

Nuisance and biting flies (B 3)

George: drs. Strydom, Truter and Pettifer

Nuisance and biting flies (B 3)

Oudtshoorn: dr. Glen Carlisle

Nuisance and biting flies (B,O,C 3)

Stellenbosch: dr. Alfred Kidd

Nuisance flies (B 3)

Screw-worm

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1	1	3	1					
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3	2	3	3					
Species affected	B,O,C	B	B	B,O,C					

Mpumalanga

Nelspruit: dr. André Beytell

Screw-worm (B,O,C 3)

Gauteng

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

Screw-worm (B 2)

Limpopo

Bela-Bela: dr. Marius du Toit

Screw-worm (B 3)

Mokopane: dr. Henk Visser

Screw-worm (B 2)

Vaalwater: dr. Hampie van Staden

Screw-worm (B 3)

North West

Brits: dr. Boshoff and Hahn

Screw-worm (B,O,C 3)

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen

Screw-worm (B,C 2)

Blowflies

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	3		1	1	2	2	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2		1	3	3	3	2		
Species affected	B,O		B	B,O,C	B,O	B,O	O		

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Blowflies (O 2)

Standerton: dr. Kobie Kroon

Blowflies (O 3)

Volkstrust: dr. André Visser

Blowflies (B,O 2)

Limpopo

Mokopane: dr. Henk Visser

Blowflies (B 1)

North West

Brits: dr. Boshoff and Hahn

Blowflies (B,O,C 3)

Free State

Clocolan: drs. Marwick and Wasserman

Blowflies (B 3)

Hoopstad: dr. Kobus Pretorius

Blowflies (O 3)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Blowflies (B 3)

Howick: dr. Stephen Hughes

Blowflies (O 3)

Eastern Cape

Aliwal North: drs. Troskie and Strauss

Blowflies (O 2)

Nasal bot larvae

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease				1				1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance				3				2	
Species affected				0				0	

North West

Leeudoringstad: dr. Ian Jonker

Nasal bot larvae (O 3)

Western Cape

Vredenburg: dr. Izak Rust

Nasal bot larvae (O 2)

Midges and Mosquitoes

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1	1			5	1	1	1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3	3			2	3	1	3	
Species affected									

Mpumalanga

Bethal: dr. Hardus Pieters

Midges (3)

Gauteng

Rayton: dr. Johan Jooste

Midges (3)

Free State

Clocolan: drs. Marwick and Wasserman

Midges (3)

Heilbron: dr. Piet van Zyl

Midges and mosquitoes (3)

Ladybrand drs. Van Hasselt and De Vos

Midges (1)

Reitz: dr. Murray Smith

Midges (2)

Villiers: drs. Hattingh and Hauptfleisch

Midges (2)

KwaZulu-Natal

Mooi River: drs. Fowler, Hartley and Mallet

Midges (3)

Eastern Cape

Aliwal North: drs. Troskie and Strauss

Midges (1)

Western Cape

Oudtshoorn: dr. Glen Carlisle

Midges (B,O,C 3)

General

Mpumalanga

Nelspruit: dr. André Beytell

Nuisance flies, blowflies and ticks cause huge irritation and discomfort to animals. Continuous misty rain weather causes problems with the application of ectoparasiticides and the residual action of drugs is also shortened.

Tick-borne diseases

African Red water (*Babesia bigemina*)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1		4		6	10	5	1	1
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2		2		2	2	2	3	2
Species affected	B		B		B	B	B	B	B

Mpumalanga

Standerton: dr. Kobie Kroon

African red water (B 2)

Limpopo

Bela-Bela: dr. Marius du Toit

African red water (B 1)

Machado: dr. Freddie Harris

African red water (B 3)

Modimolle: drs. Huber, Bredell and Barnard

African red water (B 1)

Polokwane: dr. Gavin Watson

African red water (B 1)

Free State

Clocolan: drs. Marwick and Wasserman

African red water (B 2)

Frankfort: dr. Dries Lessing

African red water (B 1)

Harrismith: drs. Thirion, Nel and Pretorius

African red water (B 2)

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

African red water (B 1)

Viljoenskroon: dr. Johan Kahts

African red water (B 1)

Villiers: drs. Hattingh and Hauptfleisch

African red water (B 2)

KwaZulu-Natal

Bergville: dr. Ariena Shepherd

African red water (B 2)

Bergville: dr. Jubie Muller

African red water (B 3)

Dundee: dr. Jacque Marais

African red water (B 2)

Dundee: dr. Tony Grace

African red water (B 1) Isolated outbreaks are occurring especially on hired grazing and where camps haven't been used for a while. In cattle brought in from Free State / Mpumalanga areas, where they are not used to the disease.

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

African red water (B 2)

Howick: dr. Stephen Hughes

African red water (B 3)

Mtubatuba: dr. Trever Viljoen

African red water (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

African red water (B 2)

Underberg: drs. Collins, King and Delaney

African red water (B 1)

Vryheid: dr. Gert Theron

African red water (B 3)

Eastern Cape

Alexandria: dr. Johan Olivier

African red water (B 2) outbreak due to poor dip management (one herd).

Cradock dr. Frans Erasmus

African red water (B 2) This disease was sporadic in the area, but now more cases are seen

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé

African red water (B 3)

Tsitsikamma: drs. Lategan, Hoek and McFarlane

African red water (B 1)

Uitenhage: dr. Riaan Mulder

African red water (B 2)

Western Cape

George: drs. Strydom, Truter and Pettifer

African red water (B 3) occurred in spite of drier weather conditions.

Northern Cape

Kathu: dr. Jan Vorster

Anaplasmosis (B 2)

Asiatic Red Water (*Babesia bovis*)

Province	Mpumalanga	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	9	3	2	1	2	11	2	2	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	2	2	2	2	2	3	2	
Species affected	B	B	B	B	B	B	B	B	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Asiatic red water (B 2)

Bethal: dr. Hardus Pieters

Asiatic red water (B 3)

Ermelo: dr. Gert Oosthuizen

Asiatic red water (B 1)

Ermelo: dr. Ben Potgieter

Asiatic red water (B 1)

Middelburg: drs. Fourie and Barkhuizen

Asiatic red water (B 3) If cattle are not vaccinated against Asiatic red water in our area, farmers are going to have losses. We hope that Onderstepoort Biological products (OBP) can supply us with vaccine. At present there is no vaccine available.

Nelspruit: dr. André Beytell

Asiatic red-water (B 2)

Piet Retief: drs. Niebuhr and Weber

Asiatic red water (B 1)

Standerton: drs. Kobie Kroon

Asiatic red water (B 2)

Volksrust: dr. André Visser

Asiatic red water (B 2)

Gauteng

Bapsfontein: dr. Matthew Legg

Asiatic red water (B 1)

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

Asiatic red water (B 3) 2 calves only 2 to 3 months old!. One diagnosed on post mortem, other clinical and survived with treatment

Heidelberg: dr. Johan Jooste

Asiatic red water (B 2)

Limpopo

Machado: dr. Freddie Harris

Asiatic red water (B 2)

Polokwane: dr. Gavin Watson

Asiatic red water (B 1)

North West

Ventersdorp: dr. Oloff Marais

Asiatic red water (B 2)

Free State

Frankfort: dr. Dries Lessing

Asiatic red water (B 3)

Harrismith: drs. Thirion, Nel and Pretorius

Asiatic red water (B 2) in sucking calves, a few farms, numerous deaths. Herd resistance low to diseases.

Memel: dr. Neil Nixon

Asiatic red water (B 2)

Reitz: dr. Murray Smith

Asiatic red water (B 1)

Viljoenskroon: dr. Johan Kahts

Asiatic red water (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Asiatic red water (B 2)

KwaZulu-Natal**Bergville: drs. Ariena Shepherd**

Asiatic red water (B 2) many cases of red water seen, usually Asiatic red water.

Bergville: dr. Jubie Muller

Asiatic red water (B 3)

Dundee: dr. Jacque Marais

Asiatic red water (B 2)

Dundee: dr. Tony Grace

Asiatic red water (B 3) Isolated outbreaks are occurring especially on hired grazing and where camps haven't been used for a while. In cattle brought in from Free State / Mpumalanga areas, where they are not used to the disease.

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

Asiatic red water (B 2)

Greytown: dr. Mike Caldicott

Asiatic red water (B 1)

Mooi River: drs. Fowler, Hartley and Mallet

Asiatic red water (B 3) numerous outbreaks.

Mtubatuba: dr. Trever Viljoen

Asiatic red water (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Asiatic red water (B 1)

Underberg: drs. Collins, King and Delaney

Asiatic red water (B 1)

Vryheid: dr. Gert Theron

Asiatic red water (B 3) Cattle brought in from Ermelo.

Eastern Cape**Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé**

Asiatic red water (B 3)

Uitenhage: dr. Riaan Mulder

Asiatic red water (B 2)

Western Cape**George: drs. Strydom, Truter and Pettifer**

Asiatic red water (B 3) occurred in spite of drier weather conditions.

Swellendam: dr. Jacques Malan

Asiatic red water (B 1)

Anaplasmosis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	2	2	1	3	10	5	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									
Level of importance	1	2	1	2	2	2	2	2	
Species affected	B	B	B	B	B	B	B	B	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Anaplasmosis (B 1)

Piet Retief : drs. Niebuhr and Weber

Anaplasmosis (B 1)

Gauteng

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

Anaplasmosis (B 1)

Heidelberg: dr. Johan Jooste

Anaplasmosis (B 2)

Limpopo

Polokwane: dr. Gavin Watson

Anaplasmosis (B 1)

North West

Christiana: dr. Pieter Nel

Anaplasmosis (B 3)

Stella: dr. Magdaleen Vosser

Anaplasmosis (B 1)

Ventersdorp: dr. Oloff Marais

Anaplasmosis (B 3)

Free State

Bloemfontein: dr. Stephan Wessels

Anaplasmosis (B 2)

Clocolan: drs. Marwick and Wasserman

Anaplasmosis (B 3)

Frankfort: dr. Dries Lessing

Anaplasmosis (B 2)

Harrismith: drs. Thirion, Nel and Pretorius

Anaplasmosis (B 2)

Heilbron: dr. Piet van Zyl

Anaplasmosis (B 2)

Hertzogville: drs. Hendrikz and Naudé

Anaplasmosis (B 2)

Hoopstad: dr. Kobus Pretorius

Anaplasmosis (B 3)

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

Anaplasmosis (B 2) cattle are covered with blue ticks.

Viljoenskroon: dr. Johan Kahts

Anaplasmosis (B 1)

Villiers: drs. Hattingh and Hauptfleisch

Anaplasmosis (B 2)

KwaZulu-Natal

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

Anaplasmosis (B 2)

Mooi River: drs. Fowler, Hartley and Mallet

Anaplasmosis (B 1)

Mtubatuba: dr. Trever Viljoen

Anaplasmosis (B 2)

Newcastle: Rafferty and Oglesby

Anaplasmosis (B 2) outbreak in young beef calves less than 2 months of age.

Pietermaritzburg: dr. Phillip Kretzmann

Anaplasmosis (B 2)

Eastern Cape

Alexandria: dr. Johan Olivier

Anaplasmosis (B 3) Outbreaks due to poor dip management (two herds).

Craddock dr. Frans Erasmus

Anaplasmosis (B 2)

Somerset East: drs. Farrel and Louw

Anaplasmosis (B 2)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Anaplasmosis (B 1) One case seen in the Leeu Gamka area.

Darling: drs. Van der Merwe and Adam

Anaplasmosis (B 2)

George: drs. Strydom, Truter and Pettifer

Anaplasmosis (B 3) occurred in spite of drier weather contions.

Malmesbury: dr. John Liebenberg

Anaplasmosis (B 3)

Oudtshoorn: dr. Glen Carlisle

Anaplasmosis (B 1) Very rare in our area. These animals were in the camp for 6 weeks, we had good rains recently that resulted in excessive ticks. Only the Angus bull in a herd of 50 mixed breed cows died.

Stellenbosch: dr. Alfred Kid

Anaplasmosis (B 1)

Heartwater

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	2	2	5	3		6	3		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	3	2	2		2	2		
Species affected	B	B,O	B,O,C	B,O,C		B,O,C	B		

Mpumalanga

Lydenburg: dr. Gustav Trümpelmann

Heartwater (B 2) Two outbreaks, 3 cattle died.

Nelspruit: dr. André Beytell

Heartwater (B 1)

Gauteng

Bronkhorstspruit: drs. De Bruin, De Bruin, Rudolph and Slabber

Heartwater (B,O 3)

Pretoria: dr. Hanneke Pienaar

Heartwater (O 2)

Limpopo

Bela-Bela: dr. Marius du Toit

Heartwater (O 2)

Machado: dr. Freddie Harris

Heartwater (B,O,C 3)

Modimolle: drs. Huber, Bredell and Barnard

Heartwater (B 2)

Mokopane: dr. Henk Visser

Heartwater (B,O,C 1)

Polokwane: dr. Gavin Watson

Heartwater (B,O 1)

North West

Brits: drs. Boshoff and Hahn

Heartwater (B,O,C 3)

Christiana: dr. Pieter Nel

Heartwater (B 1)

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

Heartwater (B 2)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Heartwater (B 2)

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

Heartwater (B 2)

Mtubatuba: dr. Trever Viljoen

Heartwater (B,C,O 3)

Pietermaritzburg: dr. Phillip Kretzmann

Heartwater (O 1)

Pongola: dr. Heinz Kohrs

Heartwater (B,C 2) especially in young calves and goats born in winter.

Vryheid: dr. Gert Theron

Heartwater (B 3)

Eastern Cape

Alexandria: dr. Johan Olivier

Heartwater (B 2) outbreaks due to poor dip management (2 herds)

Somerset East: drs. Farrel and Louw

Heartwater (B 2) coming into the area.

Tsitsikamma: drs. Lategan, Hoek and McFarlane

Heartwater (B 3)

Corridor disease

Province	Mpumalanga	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
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Vets reporting this disease						1			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance						3			
Species affected						B			

KwaZulu-Natal

Pongola: dr. Heinz Kohrs

Corridor disease (B 3) in a herd in Paul Pietersburg.

Sweating sickness

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease		1	2	3	3			1	1
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance		1	2	2	2			1	1
Species affected		B	B	B	B			B	B

Gauteng

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

Sweating sickness (B 1)

Limpopo

Machado: dr. Freddie Harris

Sweating sickness (B 3)

Mokopane: dr. Henk Visser

Sweating sickness (B 1)

North West

Brits: dr. Boshoff and Hahn

Sweating sickness (B 2)

Christiana: dr. Pieter Nel

Sweating sickness (B 2)

Stella: dr. Magdalen Vosser

Sweating sickness (B 3)

Free State

Hoopstad: dr. Kobus Pretorius

Sweating sickness (B 2)

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

Sweating sickness (B 2) due to many bont-legged ticks on cattle.

Parys: drs. Wessels and Van den Berg

Sweating sickness (B 2)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Sweating sickness (B 1)

Northern Cape

Kathu: dr. Jan Vorster

Sweating sickness (B 1)

General

KwaZulu-Natal

Pietermaritzburg: dr. Rick Mapham

The tick borne diseases are numerous this time of year but the deaths do not sound quite typical to me and I have not been given the opportunity to do a PM

Insect transmittable diseases

Lumpy skin disease

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	2		1		3	7	1	5	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3		1		2	2	1	3	
Species affected	B		B		B	B	B	B	

Mpumalanga

Ermelo: dr. Gert Oosthuizen

Lumpy skin disease (B 2)

Piet Retief : drs. Niebuhr and Weber

Lumpy skin disease (B 3)

Limpopo

Polokwane: dr. Gavin Watson

Lumpy skin disease (B 1)

Free State

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

Lumpy skin disease (B 2)

Ladybrand drs. Van Hasselt and De Vos

Lumpy skin disease (B 1)

Reitz: dr. Murray Smith

Lumpy skin disease (B 2)

KwaZulu-Natal

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

Lumpy skin disease (B 2)

Greytown: dr. Mike Caldicott

Lumpy skin disease (B 1)

Mtubatuba: dr. Trever Viljoen

Lumpy skin disease (B 3) Cattle in the communal area have a large outbreak. Commercial farmers that vaccinated have no cases.

Pietermaritzburg: dr. Phillip Kretzmann

Lumpy skin disease (B 2)

Pongola: dr. Heinz Kohrs

Lumpy skin disease (B 3) many cases all over the area.

Pongola: dr. Silke Pfitzer

Lumpy skin disease (B 2)

Vryheid: dr. Gert Theron

Lumpy skin disease (B 3)

Eastern Cape**Somerset East: drs. Farrel and Louw**

Lumpy skin disease (B 1)

Western Cape**Darling: drs. Van der Merwe and Adam**

Lumpy skin disease (B 3)

Malmesbury: dr. Otto Kriek

Lumpy skin disease (B 3) Outbreak in calves <6 months old, probably due to insufficient colostrum intake.

Malmesbury: dr. John Liebenberg

Lumpy skin disease (B 3)

Swellendam: dr. Jacques Malan

Lumpy skin disease (B 3) Numerous cases in the district.

Wellington: dr. William van Zyl

Lumpy skin disease (B 3) outbreaks in 5 herds.

Pseudo Lumpy skin disease (Allerton virus)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease					2				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					2				
Species affected					B				

Free State**Parys: drs. Wessels and Van den Berg**

Allerton virus (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Allerton virus (B 2)

Bovine ephemeral fever (Three day stiff sickness)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	3	1	2	2	4		2		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	2	2	2	2		2		
Species affected	B	B	B	B	B		B		

Mpumalanga**Balfour: dr. Louis van Jaarsveld**

Three day stiff sickness (B 1)

Lydenburg: dr. Gustav Trümpelmann

Three day stiff sickness (B 2) outbreaks on 2 farms, 6 animals affected.

Nelspruit: dr. André Beytell

Three day stiff sickness (B 2)

Gauteng

Bronkhorstspruit: drs. De Bruin, De Bruin, Rudolph and Slabber
Three day stiff sickness (B 2)

Limpopo

Machado: dr. Freddie Harris
Three day stiff sickness (B 3)

Mokopane: dr. Henk Visser
Three day stiff sickness (B 1)

North West

Schweizer-Reneke: dr. N.J. Heyns
Three day stiff sickness (B 1)

Ventersdorp: dr. Oloff Marais
Three day stiff sickness (B 2)

Free State

Bethlehem: dr. Henk Basson
Three day stiff sickness (B 1) in a bull.

Frankfort: dr. Dries Lessing
Three day stiff sickness (B 2)

Reitz: dr. Murray Smith
Three day stiff sickness (B 3)

Viljoenskroon: dr. Johan Kahts
Three day stiff sickness (B 3)

Eastern Cape

Somerset East: drs. Farrel and Louw
Three day stiff sickness (B 2) in 5 to 6 month old heifers that were not vaccinated.

Stutterheim: dr. Dave Waterman
Three day stiff sickness (B 1) in a Boran bull. Recovered well.

Blue tongue

Province	Mpuma-langa	Gauteng	Limpopo	North West	FreeState	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1	1			2		4	3	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1	1			2		2	2	
Species affected	0	0			0		0	0	

Mpumalanga

Ermelo: dr. Gert Oosthuizen
Blue tongue (O 1)

Gauteng

Bronkhorstspruit: drs. De Bruin, De Bruin, Rudolph and Slabber
Blue tongue (O 1)

Free State

Clocolan: drs. Marwick and Wasserman
Blue tongue (O 2)

Ladybrand drs. Van Hasselt and De Vos

Blue tongue (O 1)

Eastern Cape

Cradock dr. Frans Erasmus

Blue tongue (O 1)

Graaff-Reinet: dr. Roland Larson

Blue tongue (O 2)

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé

Blue tongue (O 3)

Somerset East: drs. Farrel and Louw

Blue tongue (O 2)

Western Cape

George: drs. Strydom, Truter and Pettifer

Blue tongue (O 2)

Heidelberg: dr. Albert van Zyl

Bloutong (O 2)

Wellington: dr. William van Zyl

Blue tongue (O 3) outbreaks in 3 flocks.

Rift Valley fever

Province	Mpuma-langa	Gauteng	Limpopo	North West	FreeState	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Eastern Cape

Somerset East: drs. Farrel and Louw

Rift Valley Fever (B 1) A cow died with typical lesions of the liver. On serology the cow tested positive for RVF. This positive result could be due to a vaccination reaction. On other tests the animal tested negative for RVF. Farmers are in any case warned to vaccinate their animals against this very pathogenic disease.

Nagana

Province	Mpuma-langa	Gauteng	Limpopo	North West	FreeState	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Venereal diseases

Trichomonosis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1			2	12	2	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3			2	2	1	1		

Species affected	B		B	B	B	B		
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Mpumalanga

Standerton: dr. Kobie Kroon

Trichomonosis (B 3) Much worse than previous years. Do not get the disease under control since not all farmers test for the disease.

North West

Potchefstroom: dr. Johan Jooste

Trichomonosis (B 2)

Rustenburg: drs. Gaigher, Grobler, Sparks, Van Egdom, Van Rooyen, Goosen and Van Rensburg

Trichomonosis (B 1)

Free State

Bloemfontein: dr. Stephan Wessels

Trichomonosis (B 2)

De Wetsdorp: dr. Marike Badenhorst

Trichomonosis (B 3) Severe problem adjacent to communal areas and Lesotho border.

Frankfort: dr. Dries Lessing

Trichomonosis (B 1)

Harrismith: drs. Thirion, Nel and Pretorius

Trichomonosis (B 2)

Hertzogville: drs. Hendrikz and Naudé

Trichomonosis (B 1)

Hoopstad: dr. Kobus Pretorius

Trichomonosis (B 3) many positive bulls.

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

Trichomonosis (B 3) is a big problem to get under control. There are large areas where neighbouring farms are all infected.

Ladybrand: drs. Van Hasselt and De Vos

Trichomonosis (B 1)

Parys: drs. Wessels and Van den Berg

Trichomonosis (B 2) A friend borrowed 6 bulls. One of the bulls jumped a fence and got infected. NEVER lend out bulls!

Reitz: dr. Murray Smith

Trichomonosis (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Trichomonosis (B 3)

Zastron: dr. Philip Brandt

Trichomonosis (B 2)

KwaZulu-Natal

Dundee: dr. Tony Grace

Trichomonosis (B 1)

Mtubatuba: dr. Trever Viljoen

Trichomonosis (B 1)

Newcastle: dr. Barry Rafferty

Trichomonosis (B 1)

Eastern Cape

Graaff-Reinet: dr. Roland Larson
Trichomonosis (B 1)

Vibriosis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease			1		6		1	1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance			2		2		3	1	
Species affected			B		B		B	B	

Limpopo

Machado: dr. Freddie Harris
Vibriosis (B 2)

Free State

Bloemfontein: dr. Stephan Wessels
Vibriosis (B 1)

De Wetsdorp: dr. Marike Badenhorst

Vibriosis (B 3) Severe problem adjacent to communal areas and Lesotho border.

Frankfort: dr. Dries Lessing

Vibriosis (B 1)

Hertzogville: drs. Hendrikz and Naudé

Vibriosis (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Vibriosis (B 1)

Zastron: dr. Philip Brandt

Vibriosis (B 2)

Eastern Cape

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé
Vibriosis (B 3)

Western Cape

Malmesbury: dr. John Liebenberg
Vibriosis (B 1)

Peestersiekte / Pizzle disease

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Bacterial diseases

Anthrax

Province	Mpuma-langa	Gauteng	Limpopo	North West	FreeState	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Gas gangrene infections

Province	Mpuma-langa	Gauteng	Limpopo	North West	FreeState	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	6	2	2		8	2	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	3	2		2	2	2		
Species affected	B	B	B		B	B	B		

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Blackquarter (B 2)

Lydenburg: dr. Gustav Trümpelmann

Blackquarter (B 2)

Swelled head (B 2)

Middelburg: drs. Fourie and Barkhuizen

Blackquarter (B 2)

Piet Retief: drs. Weber and Niebuhr

Blackquarter (B 1)

Standerton: dr. Kobie Kroon

Blackquarter (B 2)

Volksrust: dr. André Visser

Swelled head (B 1)

Gauteng

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

Swelled head (B 3)

Bronkhorstspuit: dr. Johan Jooste

Swelled head (B 3)

Limpopo

Bela-Bela: dr. Marius du Toit

Blackquarter (B 1)

Polokwane: dr. Gavin Watson

Blackquarter (B 2)

Free State

Bethlehem: dr. Henk Basson

Blackquarter (B 3) Two big outbreaks – 14 and 8 mortalities. *C. septicum* playing a big role.

Frankfort: dr. Dries Lessing

Blackquarter (B 2)

Heilbron: dr. Piet van Zyl

Blackquarter (B 1)

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

Blackleg (B 2) Mostly young animals (7 to 10 months of age) that were not vaccinated or where multi-clostridial vaccines were not used.

Memel: dr. Neil Nixon

Blackquarter (B 3,O 1)

Reitz: dr. Murray Smith

Blackquarter (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Blackquarter (B 2)

Swelled head (O 2)

Zastron: dr. Philip Brandt

Swelled head (B 1)

KwaZulu-Natal

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

Blackquarter (B 2)

Underberg: drs. Collins, King and Delaney

Blackquarter (B 2)

Eastern Cape

Tsitsikamma: drs. Lategan, Hoek and McFarlane

Blackquarter (B 2)

Pulpy Kidney

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	2	1		1	7		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									
Level of importance	1	2		3	3		2	2	
Species affected	0	0		0	0		0	0	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Pulpy kidney (O 1)

Ermelo: dr. Ben Potgieter

Pulpy kidney (O 1)

Gauteng

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

Pulpy kidney (O 2)

North West

Christiana: dr. Pieter Nel

Pulpy kidney (O 3)

Free State

Bloemfontein: dr. Stephan Wessels

Pulpy kidney (O 3)

Clocolan: drs. Marwick and Wasserman

Pulpy kidney (O 3)

Harrismith: drs. Thirion, Nel and Pretorius

Pulpy kidney (O 2)

Hertzogville: drs. Hendrikz and Naudé

Pulpy kidney (O 3) Late rains and green grass.

Hoopstad: dr. Kobus Pretorius

Pulpy kidney (O 2)

Reitz: dr. Murray Smith

Pulpy kidney (O 3)

Villiers: drs. Hattingh and Hauptfleisch

Pulpy kidney (O 2)

Eastern Cape

Aliwal North: drs. Troskie and Strauss

Pulpy kidney (O 1)

Somerset East: drs. Farrel and Louw

Pulpy kidney (O 3) in 3 to 4 months unvaccinated lambs.

Stutterheim: dr. Dave Waterman

Pulpy kidney (O 2) in lambs on lush pastures. They were dewormed but not vaccinated.

Western Cape

Beaufort-West: drs. Pienaar and Grobler

Pulpy kidney (O 1)

George: drs. Strydom, Truter and Pettifer

Pulpy kidney (O 2)

Malmesbury: dr. John Liebenberg

Pulpy kidney (O 2)

Oudtshoorn: dr. Glen Carlisle

Pulpy kidney (O 1)

Lamb dysentery (*Clostridium perfringens* type B)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Red gut (B) / Blood gut(O,C)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	3		1	1	3		1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1		2	2	2		3		
Species affected	B,O		B	B	B,O		C		

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Red gut (B 1)

Middelburg: drs. Fourie and Barkhuizen

Red gut (B 1)

Standerton: dr. Kobie Kroon

Blood gut (O 2)

Limpopo

Machado: dr. Freddie Harris

Red gut (B 2) due to *Clostridium perfringens* Type A in calves.

North West

Christiana: dr. Pieter Nel

Red gut (B 1)

Leeudoringstad: dr. Ian Jonker

Clostridial disease (B 3) 30 head of cattle died – suspect Clostridial disease awaiting laboratory results.

Free State

Frankfort: dr. Dries Lessing

Red gut (B 2)

Hoopstad: dr. Kobus Pretorius

Blood gut (O 1)

Villiers: drs. Hattingh and Hauptfleisch

Red gut (B 2)

Blood gut (O 2)

Eastern Cape

Somerset East: drs. Farrel and Low

Red gut (C 3) in Angora goats

Tetanus

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease								2	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance								2	
Species affected								O	

Western Cape

Malmesbury: dr. Otto Kriek

Tetanus (O 2)

Malmesbury: dr. John Liebenberg

Tetanus (O 1)

Botulism

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease					1			2	1
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					3			1	2
Species affected					B			B	B,O

Free State

Hoopstad: dr. Kobus Pretorius

Botulism (B 3)

Western Cape

Malmesbury: dr. John Liebenberg

Botulism (B 1)

Stellenbosch: dr. Alfred Kidd
Botulism (B 1)

Northern Cape

Upington: dr. Ian Vorster
Botulism (B,O 2)

Brucellosis (*Brucella abortus*)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1	1	1	1	8		1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3	1	3	3	2		2		
Species affected	B	B	B	B	B		B		

Mpumalanga

Delmas: dr. Johan Jooste

Brucellosis (B 3) The contagious abortion problem is worsening every year and the control system is not capable of handling the problem.

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin, Rudolph and Slabber
Brucellosis (B 1)

Limpopo

Machado: dr. Freddie Harris

Brucellosis (B 3) A lot of farms bordering communal farming areas.

North West

Potchefstroom: dr. Johan Jooste
Brucellosis (B 3)

Free State

Bethlehem: dr. Johan Jooste
Brucellosis (B 3)

Bloemfontein: dr. Stephan Wessels
Brucellosis (B 3)

Frankfort: dr. Dries Lessing
Brucellosis (B 1)

Hertzogville: drs. Hendrikz and Naudé
Brucellosis (B 1) in a herd that had previously tested negative.

Heilbron: dr. Piet van Zyl
Brucellosis (B 3)

Hoopstad: dr. Kobus Pretorius
Brucellosis (B 3) many positive cases.

Reitz: dr. Murray Smith
Brucellosis (B 1)

Villiers: drs. Hattingh and Hauptfleisch
Brucellosis (B 3)

Eastern Cape

Somerset East: drs. Farrel and Louw

Brucellosis (B 2) Dairy herd positive on milk ring test. Bled herd and 5 animals positive on the complement fixation test. These animals were culled.

Johnes disease

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Ram disease (*Brucella ovis*)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease								1	1
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance								1	2
O								0	0

Western Cape

Beaufort-West: drs. Pienaar and Grobler

Brucella ovis (O 1) only one outbreak was found during routine testing.

Northern Cape

Upington: dr. Ian Vorster

Brucella ovis (O 2) lambing percentage less than 40%. Usually in flocks where testing for brucellosis had not been done before. Take serum samples from all rams and cull positive rams. Test semen of rams that tested negative with the serum test to make sure that they are negative.

Ram disease (HPA organisms)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

E. coli

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1	1		2	5				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	3		3	2				
Species affected	B	B		B	B				

Mpumalanga

Balfour: dr. Louis van Jaarsveld

E.coli (B 2)

Gauteng

Rayton: dr. Johan Jooste

E.coli (B 3)

North West

Brits: dr. Johan Jooste

E. coli (B 3)

Christiana: dr. Pieter Nel

E. coli (B 2)

Free State

Bloemfontein: dr. Stephan Wessels

E. coli (B 3)

Clocolan: drs. Marwick and Wasserman

E. coli (B 3)

Heilbron: dr. Piet van Zyl

E. coli (B 2)

Hoopstad: dr. Kobus Pretorius

E. coli (B 2)

Ladybrand drs. Van Hasselt and De Vos

E. coli (B 1)

Salmonellosis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease		2		1	5	1	2		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance		1		3	2	1	2		
Species affected		B		B	B	B	B		

Gauteng

Bapsfontein: dr. Matthew Legg

Salmonellosis (B 1)

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

Salmonellosis (B 1)

North West

Leeudoringstad: dr. Ian Jonker

Salmonellosis (B 3) in beef calves, numerous mortalities in 4 to 6 week old calves.

Free State

Bloemfontein: dr. Stephan Wessels

Salmonellosis (B 3)

Clocolan: drs. Marwick and Wasserman

Salmonellosis (B 2)

Hertzogville: drs. Hendrikz and Naudé

Samonellosis (B 2) in beef herd.

Hoopstad: dr. Kobus Pretorius

Salmonellosis (B 1)

Viljoenskroon: dr. Johan Kahts

Salmonellosis (B 3)

KwaZulu-Natal

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

Salmonellosis (B 1)

Eastern Cape

Somerset East: drs. Farrel and Louw

Salmonellosis (B 2) calf mortalities.

Tsitsikamma: drs. Lategan, Hoek and McFarlane

Salmonellosis (B 2)

Leptospirosis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease						1			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance						1			
Species affected						B			

KwaZulu-Natal

Dundee: dr. Jacque Marais

Leptospirosis (B 1)

Lumpy wool (Dermatophilus)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Enzootic abortion (Chlamydophyla)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Viral diseases

Bovine Malignant Catarrh - BMC (Snotsiekte)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1			2	1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1			1	1				
Species affected	B			B	B				

Mpumalanga

Balfour: dr. Louis van Jaarsveld

BMC (B 1)

North West

Brits: drs. Boshoff and Hahn

BMC (B 1)

Christiana: dr. Pieter Nel
BMC (B 1)

Free State

Hertzogville: drs. Hendrikz and Naudé
BMC (B 1)

BVD

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease								1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance								2	
Species affected								B	

Western Cape

Malmesbury: dr. John Liebenberg
BVD (B 2)

Infectious Bovine Rhinotracheitis (IBR)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease						1		1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance						1		2	
Species affected						B		B	

KwaZulu-Natal

Estcourt: drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar
IBR (B 1)

Western Cape

Malmesbury: dr. John Liebenberg
IBR (B 2)

BRSV (Bovine respiratory syncytial virus)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Rota and Corona virus

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease					2	2			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					3	2			
Species affected					B	B			

Free State

Heilbron: dr. Piet van Zyl

Rota virus (B 2) in calves.

Zastron: dr. P.P Brandt

Diarrhoea (B 3) Every year this time diarrhoea is a problem in beef calves on certain farms due to rota virus infection.

KwaZulu-Natal

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

Corona virus (B 1)

Newcastle: Rafferty and Oglesby

Rota virus (B 2) Diarrhoea in beef calves. After vaccination calves recovered.

Enzootic Bovine Leukosis (EBL)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1			1		1	3	1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3			2		2	2	3	
Species affected	B			B		B	B	B	

Mpumalanga: dr. Johan Jooste

EBL (B 3) There is no control programme in place which is practical. Tests are too expensive to test the whole herd. It is not possible to slaughter all positive cows as too few animals will remain to milk economically.

North West

Amalia: dr. Johan Jooste

EBL (B 3)

KwaZulu-Natal

Underberg: drs. Collins, King and Delaney

EBL (B 2)

Eastern Cape

Alexandria: dr. Johan Olivier

EBL (B 1) One clinical case diagnosed on a dairy farm. A cow about 7 years old was hired. The origin of the original herd not known. Neoplasms spread throughout the abdomen, especially around the abomasum and reticulum.

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé

EBL (B 2)

Tsitsikamma: drs. Lategan, Hoek and McFarlane

EBL (B 3) in older cows, various organs affected.

Western Cape

Malmesbury: dr. John Liebenberg

EBL (B 3)

Orf

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1	1	1		3	2	1	2	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									

Level of importance	2	2	2		2	1	1	2	
Species affected	O	O	O,C		O	O,C	C	O	

Mpumalanga

Lydenburg: dr. Gustav Trümpelmann

Orf (O 2) outbreaks on 2 farms , 2 plus 6 lambs died.

Gauteng

Pretoria: dr. Hanneke Pienaar

Orf (O 2)

Limpopo

Machado: dr. Freddie Harris

Orf (C 3)

Modimolle: drs. Huber, Bredell and Barnard

Orf (O,C 1)

Polokwane: dr. Gavin Watson

Orf (C 1)

Free State

Hoopstad: dr. Kobus Pretorius

Orf (O 1)

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

Orf (O 2)

Villiers: drs. Hattingh and Hauptfleisch

Orf (O 2)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Orf (C 1)

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

Orf (O,C 1)

Eastern Cape

Graaff-Reinet: dr. Roland Larson

Orf (C 1)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Orf (O 1)

Wellington: dr. William van Zyl

Orf (O 2) in 2 flocks.

Warts

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	3	1		2	3	3		2	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1	2		2	2	2		3	
Species affected	B	C		B	B	B		B,O	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Warts (B 1)

Piet Retief : drs. Niebuhr and Weber

Warts (B 1)

Standerton: dr. Kobie Kroon

Warts (B 2)

Gauteng**Nigel: dr. Cindy van der Westhuizen**

Warts (C 2)

North West**Brits: dr. Johan Jooste**

Warts (B 2)

Christiana: dr. Pieter Nel

Warts (B 1)

Free State**Frankfort: dr. Dries Lessing**

Warts (B 2)

Harrismith: drs. Thirion, Nel and Pretorius

Warts (B 2) Becoming more of a problem on many farms. Speculation with cattle spreads this virus.

Memel: dr. Neil Nixon

Warts (B 1)

KwaZulu-Natal**Dundee: dr. Tony Grace**

Warts (B 2)

Mtubatuba: dr. Trever Viljoen

Warts (B 2)

Pongola: dr. Heinz Kohrs

Warts (B 1)

Western Cape**Malmesbury: dr. John Liebenberg**

Warts (B 3)

Oudtshoorn: dr. Glen Carlisle

Warts (B,O 2)

Rabies

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease			1						
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance			1						
Species affected			Cat						

Limpopo**Polokwane: dr. Gavin Watson**

Rabies (1) Cat on farm entered farmhouse and bit the farmer's wife.

Jaagsiekte

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Fungal Diseases

Ringworm

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	2	1	1	1	6	3		2	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	2	1	1	2	2		2	
Species affected	B	O	B	B	B	B		B	

Mpumalanga

Nelspruit: dr. André Beytell

Ringworm (B 1)

Standerton: dr. Kobie Kroon

Ringworm (B 3)

Gauteng

Pretoria: dr. Hanneke Pienaar

Ringworm (O 2)

Limpopo

Mokopane: dr. Henk Visser

Ringworm (B 1)

North West

Christiana: dr. Pieter Nel

Ringworm (B 1)

Free State

Frankfort: dr. Dries Lessing

Ringworm (B 2)

Hoopstad: dr. Kobus Pretorius

Ringworm (B 3)

Parys: dr. Johan Wessels

Ringworm (B 2)

Reitz: dr. Murray Smith

Ringworm (B 1)

Viljoenskroon: dr. Johan Kahts

Ringworm (B 1)

Villiers: drs. Hattingh and Hauptfleisch

Ringworm (B 2)

KwaZulu-Natal

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

Ringworm (B 2)

Howick: dr. Stephen Hughes

Ringworm (B 3)

Mtubatuba: dr. Trever Viljoen

Ringworm (B 2)

Western Cape

Malmesbury: dr. John Liebenberg

Ringworm (B 2)

Stellenbosch: dr. Alfred Kidd

Ringworm (B 2)

Diseases cause by protozoa

Coccidiosis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	3	2	2		5	4	4	1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	3	2		1	2	2	1	
Species affected	B,O	B,O	B,O,C		O	B,O,C	B,O,C	B	

Mpumalanga

Lydenburg: dr. Gustav Trümpelmann

Coccidiosis (B,O 2) in cattle 3 outbreaks, 5 animals died. In sheep 2 outbreaks, 2 animals died.

Nelspruit: dr. André Beytell

Coccidiosis (C 2)

Standerton: dr. Kobie Kroon

Coccidiosis (O 3)

Gauteng

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

Coccidiosis (B,O 2) Much lower incidence if owner can dose with coccidiosis drug at 10 to 18 days of age. Makes a huge difference to diarrhoea problem at 1 to 2 months age.

Pretoria: dr. Hanneke Pienaar

Coccidiosis (O 3)

Limpopo

Machado: dr. Freddie Harris

Coccidiosis (O,C 2) in lambs and kids.

Polokwane: dr. Gavin Watson

Coccidiosis (B 1)

Free State

Bloemfontein: dr. Stephan Wessels

Coccidiosis (O 1)

Bothaville: dr. Alf Lategan

Coccidiosis (O 1)

Ladybrand drs. Van Hasselt and De Vos

Coccidiosis (O 1)

Viljoenskroon: dr. Johan Kahts

Coccidiosis (O 1)

Villiers: drs. Hattingh and Hauptfleisch

Coccidiosis (O 2)

KwaZulu-Natal**Bergville: dr. Ariena Shepherd**

Coccidiosis (C 1)

Dundee: dr. Jacque Marais

Coccidiosis (B 3) animals respond well to treatment.

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

Coccidiosis (B 1)

Pietermaritzburg: dr. Phillip Kretzmann

Coccidiosis (O,C 2)

Eastern Cape**Aliwal North: drs. Troskie and Strauss**

Coccidiosis (O 1)

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé

Coccidiosis (B 1)

Somerset East: drs. Farrel and Louw

Coccidiosis (C 2) in Angora lambs.

Tsitsikamma: drs. Lategan, Hoek and McFarlane

Coccidiosis (B 3) not just in young calves, some older than 4 months.

Western Cape**Oudtshoorn: dr. Glen Carlisle**

Coccidiosis (B 1)

Cryptosporidia

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Poisoning

Urea poisoning

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1				2	1	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1				2	3	2		
Species affected	C				B,O	B	B		

Mpumalanga

Piet Retief : drs. Niebuhr and Weber
Urea poisoning (C 1)

Free State

Clocolan: drs. Marwick and Wasserman
Urea poisoning (B,O 3)

Hoopstad: dr. Kobus Pretorius
Urea poisoning (B 1)

KwaZulu-Natal

Howick: dr. Stephen Hughes
Urea poisoning (B 3)

Eastern Cape

Stutterheim: dr. Dave Waterman

Urea poisoning (B 2) Dairy cows drinking from an open drum containing urea for fertilization. Six affected, saved 3 dosing with vinegar.

Tulip poisoning

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free Sate	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease						1			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance						1			
Species affected						B			

KwaZulu-Natal

Mooi River: drs. Fowler, Hartley and Mallet
Tulip poisoning (B 1)

Lantana poisoning

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1	1	2	1					
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1	1	2	3					
Species affected	B	O	B	B					

Mpumalanga

Ermelo: dr. Ben Potgieter
Lantana poisoning (B 1)

Gauteng

Rayton: dr. Johan Jooste
Lantana poisoning (O 1)

Limpopo

Bela-Bela: dr. Marius du Toit
Lantana poisoning (B 2) one cow died.

Modimolle: drs. Huber, Bredell and Barnard
Lantana poisoning (B 1)

North West

Brits: dr. Boshoff and Hahn

Lantana poisoning (B 3) Cases of poisoning seen on farms where cattle grazed for the past 12 years.

Gifblaar poisoning

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Gousiekte

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1	1							
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	3							
Species affected	B,O	B							

Mpumalanga

Lydenburg: dr. Gustav Trümpelmann

Gousiekte (B,O 2) outbreaks on 2 farms, 5 deaths in sheep and goats and 5 cattle on the other farm.

Gauteng

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

Gousiekte (B 3) Very bad this year due to *Fadogia* spp. Numerous deaths due to bad grazing in September / October.

Senecio poisoning

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Cestrum poisoning – Ink berry

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease		1							
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance		2							
Species affected		B							

Gauteng

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

Cestrum (B 2)

Prussic acid poisoning

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Vets reporting this disease					4				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					2				
Species affected					B,O				

Free State

Clocolan: drs. Marwick and Wasserman

Prussic acid poisoning (O 3)

Harrismith: drs. Thirion, Nel and Pretorius

Prussic acid (O 1)

Hoopstad: dr. Kobus Pretorius

Prussic acid poisoning (B 3,O 2)

Zastron: dr. Philip Brandt

Prussic acid poisoning (O 2)

Acidosis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease						1			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance						1			
Species affected						B			

KwaZulu-Natal

Newcastle: dr. Barry Rafferty

Acidosis (B 1)

Other poisonings

Gauteng

Bapsfontein: dr. Matthew Legg

Mycotoxycosis (B 3) Had a mycotoxycosis outbreak in a herd of cattle. Was confirmed *Aspergillus clavatus*.

Limpopo

Mokopane: dr. Henk Visser

Lippia spp. (B 1) causing photosensitivity.

North West

Leeudoringstad: dr. Ian Jonker

Fungal poisoning in dairy cattle (B 3) feed concentrate infected with mould. Diarrhoea, treated with charcoal, numerous deaths.

Geeldikkop (O 3) many duwweltjie (*Tribulus*) plants in camps

Stella: dr. Magdalen Vosser

Urginea spp. (slangkop) poisoning (B,O 3)

Free State

Ladybrand: drs. Van Hasselt and De Vos

Duwweltjie (*Tribulus*) poisoning (O 1) sheep overate, they bloated and died acutely.

Heilbron: dr. Piet van Zyl

Copper poisoning in a dairy herd.

Viljoenskroon: dr. Johan Kahts

Lead poisoning (B 2)

KwaZulu-Natal

Pietermaritzburg: dr. Rick Mapham

Ranunculus spp. poisoning: I also had reports of calves eating *Ranunculus* spp. and having diarrhoea and some deaths with nervous symptoms – this is also unsubstantiated but according to the tox references the symptoms may match to a certain extent .

Ranunculus spp. or "Buttercup"

<http://www.library.illinois.edu/vex/toxic/butcup/butcup.htm>

This is a common pasture weed in NE USA, mildly toxic, but rarely causing problems. It is said that individual animals will acquire a taste for it, and seek it out causing diarrhea and digestive upset, but that if you keep the cow in the barn for a few days she will lose interest and no longer eat it when released. We saw it in late summer when cows ate everything but the Buttercup and a few other weeds.

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<http://dairyvets.com>

Western Cape

Beaufort West: drs. Pienaar and Grobler

Copper poisoning (O 3) Geelsiekte was seen at the abattoir during slaughter of old ewes. Copper liver values very high. Farmer lost 30 sheep - Nuvelde mountains

Galenia (waterpens) poisoning (O 1)

Stellenbosch: dr. Alfred Kidd

Rye grass toxicosis (B 1)

Northern Cape

Kathu: dr. Jan Vorster

Chinkerinchee poisoning (B 2) After the first rains, the poisonous plants are the first to sprout and are the only green material on the veld, and the cattle eat it.

Conditions caused by more than one organism or disease causing factor

Abortions and stillborn calves

Province	Mpumalanga	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1	1	1		4	7	2	1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	2	3		3	2	3	2	
Species affected	B	B	B		B,O	B	B	B	

Mpumalanga

Standerton: dr. Kobie Kroon

Abortions (B 2)

Gauteng

Heidelberg: dr. Johan Jooste

Abortions (B 2)

Limpopo

Machado: dr. Freddie Harris

Abortions (B 3) more abortions seen than usual.

Free State

Bloemfontein: dr. Stephan Wessels

Abortions (B 3)

Hoopstad: dr. Kobus Pretorius

Abortions (B 3, O 2)

Frankfort: dr. Dries Lessing

Abortions (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Abortions (B,O 2)

KwaZulu-Natal

Dundee: dr. Tony Grace

Abortions (B 1)

Dundee: dr. Jacque Marais

Abortions (B 2)

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

Abortions (B 2)

Greytown: dr. Mike Caldicott

Abortion (B 2)

Howick: dr. Stephen Hughes

Abortions (B 3)

Mooi River: drs. Fowler, Hartley and Mallet

Abortions (B 3)

Mtubatuba: dr. Trever Viljoen

Abortions (B 2)

Eastern Cape

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé

Abortions (B 2)

Tsitsikamma: drs. Lategan, Hoek and McFarlane

Abortions (B 3)

Western Cape

Darling: drs. Van der Merwe and Adam

Abortions (B 2)

Poor Conception

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease					1	1	1	1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					3	2	2	2	
Species affected					B,O	B	B	B	

Free State

Hoopstad: dr. Kobus Pretorius

Poor conception (B 3, O 2)

KwaZulu-Natal

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

Poor conception (B 2)

Eastern Cape

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé

Poor conception (B 2)

Western Cape

Vredenburg: dr. Izak Rust

Poor conception (B 2) in dairies due to luteal cysts, protein and energy deficiencies.

Dystocia

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	6	1	3	3	11	8	6	3	2
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	2	2	2	2	2	2	2	3
Species affected	B,O	B	B	B	B,O	B	B	B	B

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Dystocias (B,O 2)

Bethal: dr. Hardus Pieters

Dystocias (B 2)

Ermelo: dr. Gert Oosthuizen

Dystocia (B 2)

Lydenburg: dr. Gustav Trümpelmann

Dystocia (B 2) Six farms where heifers were bred too early and fetuses were too large.

Standerton: drs. Kobie Kroon

Dystocia (B 2)

Volksrust: dr. André Visser

Dystocia (B,O 2)

Gauteng

Bapsfontein: dr. Matthew Legg

Dystocias (B 2) Have had a lot of difficult calvings. Mainly small heifers with large calves or had a few with flexed heads or breach positions.

Limpopo

Bela-Bela: dr. Marius du Toit

Dystocia (B 2)

Modimolle: dr. Henk Visser

Dystocia (B 2)

Polokwane: dr. Gavin Watson

Dystocia (B 2)

North West

Brits: drs. Boshoff and Hahn

Dystocia (B 2)

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

Dystocias (B 2)

Schweizer-Reneke: dr. N.J. Heyns

Dystocias (B 3) in heifers.

Free State

Bethlehem: dr. Henk Basson

Dystocias (B 3) in heifers.

Bloemfontein: dr. Stephan Wessels

Dystocias (B 3)

Clocolan: drs. Marwick and Wasserman

Dystocia (B 3)

Frankfort: dr. Dries Lessing

Dystocias (B,O 3)

Hertzogville: drs. Hendrikz and Naudé

Dystocias (B 2)

Hoopstad: dr. Kobus Pretorius

Dystocias (B 3)

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

Dystocias (B 3) in cattle that are calving late in season.

Ladybrand drs. Van Hasselt and De Vos

Dystocia (B 1)

Viljoenskroon: dr. Johan Kahts

Dystocia (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Dystocia (B 1)

Zastron: dr. Philip Brandt

Dystocia (B 2)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Dystocia (B 1)

Dundee: dr. Tony Grace

Dystocia (B 2)

Dundee: dr. Jacque Marais

Dystocia (B 2)

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

Dystocia (B 2)

Greytown: dr. Mike Caldicott

Dystocia (B 1)

Mooi River: drs. Fowler, Hartley and Mallet

Dystocia (B 2)

Mtubatuba: dr. Trever Viljoen

Dystocia (B,C 2)

Pietermaritzburg: dr. Phillip Kretzmann

Dystocia (B 2)

Eastern Cape**Aliwal North: drs. Troskie and Strauss**

Dystocia (B 2)

Cradock dr. Frans Erasmus

Dystocia (B 2). Calf with 2 heads had to be removed.

Graaff-Reinet: dr. Roland Larson

Dystocia (B 1)

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé

Dystocia (B 3)

Somerset East: drs. Farrel and Louw

Dystocia (B 2) one cow with a hydrocephalus calf.

Tsitsikamma: drs. Lategan, Hoek and McFarlane

Dystocia (B 2)

Western Cape**Darling: drs. Van der Merwe and Adam**

Dystocias (B 2)

George: drs. Strydom, Truter and Pettifer

Dystocia (B 2)

Swellendam: dr. Jacques Malan

Dystocia (B 3)

Northern Cape**Kathu: dr. Jan Vorster**

Dystocia (B 2)

Upington: dr. Ian Vorster

Dystocia (B 3) uterus unable to contract, protein and energy deficiency.

Metritis (Infection of the uterus)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1				5	1	1	4	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1				2	2	3	2	
Species affected	B				B	B	B	B	

Mpumalanga**Nelspruit: dr. André Beytell**

Metritis (B 1)

Free State**Bloemfontein: dr. Stephan Wessels**

Metritis (B 3)

Frankfort: dr. Dries Lessing

Metritis (B 2)

Heilbron: dr. Piet van ZylMetritis (B 3) numerous cases due to *Trueperella pyogenes*.**Hoopstad: dr. Kobus Pretorius**

Metritis (B 2)

Parys: drs. Wessels and Van den Berg
Metritis (B 2)

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen
Metritis (B 2)

Eastern Cape

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé
Metritis (B 3)

Western Cape

Darling: drs. Van der Merwe and Adam
Metritis (B 3)

George: drs. Strydom, Truter and Pettifer
Metritis (B 1)

Malmesbury: dr. Otto Kriek
Metritis (B 2)

Swellendam: dr. Jacques Malan
Metritis (B 3)

Retained placenta

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease			1	2	4	4	2	3	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance			2	3	2	2	1	3	
Species affected			B	B	B,O	B	B	B	

Limpopo

Bela-Bela: dr. Marius du Toit
Retained placenta (B 2)

North West

Brits: dr. Boshoff and Hahn
Retained placenta (B 3)

Christiana: dr. Pieter Nel
Retained placenta (B 3)

Free State

Bloemfontein: dr. Stephan Wessels
Retained placenta (B 2)

Hoopstad: dr. Kobus Pretorius
Retained placenta (B 2)

Viljoenskroon: dr. Johan Kahts
Retained afterbirth (B 2)

Villiers: drs. Hattingh and Hauptfleisch
Retained placenta (B,O 1)

KwaZulu-Natal

Dundee: dr. Tony Grace

Retained afterbirth (B 1)

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

Retained afterbirth (B 1)

Howick: dr. Stephen Hughes

Retained placenta (B 3)

Mooi River: drs. Fowler, Hartley and Mallet

Retained afterbirth (B 2)

Eastern Cape**Aliwal North: drs. Troskie and Strauss**

Retained placenta (B 1)

Tsitsikamma: drs. Lategan, Hoek and McFarlane

Retained afterbirth (B 1)

Western Cape**Darling: drs. Van der Merwe and Adam**

Retained placenta (B 2)

Malmesbury: dr. Otto Kriek

Retained afterbirths (B 3) in dairy cows probably due to subclinical milk fever. 50% of close-up cows' urine pH was above 7, clearly indicating that the cows did not take in enough anion salts.

Swellendam: dr. Jacques Malan

Retained placenta (B 3)

Prolapses

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease				1	3				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance				2	2				
Species affected				B	B				

North West**Schweizer-Reneke: dr. N.J. Heyns**

Prolapses (B 2)

Free State**Bethlehem: dr. Henk Basson**

Prolapses of the uterus (B 3)

Ladybrand drs. Van Hasselt and De Vos

Prolapses of the cervix (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Prolaps (B,O 1)

Navel infections

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease			1		4	4		1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance			2		1	1		1	
Species affected			B		B	B		B	

Limpopo

Polokwane: dr. Gavin Watson

Navel infections (B 2)

Free State

Frankfort: dr. Dries Lessing

Navel infection (B 2)

Hoopstad: dr. Kobus Pretorius

Navel infection (B 1)

Ladybrand drs. Van Hasselt and De Vos

Navel infection (B 1)

Villiers: drs. Hattingh and Hauptfleisch

Navel infection (B 1)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Navel infections (B 1)

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

Navel infections (B 1)

Newcastle: dr. Barry Rafferty

Navel infection (B 1)

Pietermaritzburg: dr. Phillip Kretzmann

Navel infection (B 1)

Western Cape

Stellenbosch: dr. Alfred Kidd

Navel infection (B 1)

Joint-ill/Arthritis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease		2	1		1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance		2	2		2				
Species affected		B	B		B				

Gauteng

Bapsfontein: dr. Matthew Legg

Arthritis (B 1)

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

Arthritis (B 2)

Limpopo

Polokwane: dr. Gavin Watson

Arthritis (B 2)

Free State

Frankfort: dr. Dries Lessing

Arthritis (B 2)

Mastitis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	3	4	2	1		7	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									
Level of importance	2	2	3	3		3	3	3	
Species affected	B,O	B,O	B	B		B,C	B	B	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Mastitis (B,O 1)

Bethal: dr. Hardus Pieters

Mastitis (B 2) lot of rain and muddy conditions – coliform mastitis.

Delmas: dr. Johan Jooste

Mastitis (B 3) With good rains, holding pens are extremely wet and mastitis peaked this month. Coliforms played a major role. Mastitis is still one of the most important erosion diseases in a dairy.

Gauteng

Bapsfontein: dr. Matthew Legg

Mastitis (B 1)

Bronkhorstspuit: dr. Johan Jooste

Mastitis (B 3)

Pretoria: dr. Hanneke Pienaar

Mastitis (O 1)

Rayton: dr. Johan Jooste

Mastitis (B 3)

Limpopo

Machado: dr. Freddie Harris

Mastitis (B 3) a lot of resistant *E. coli* mastitis seen. If not treated immediately cows die within 6 hours. A lot of muddy conditions due to rain.

Modimolle: drs. Huber, Bredell and Barnard

Mastitis (B 3) muddy conditions playing a big role.

North West

Brits: dr. Johan Jooste

Mastitis (B 3)

Free State

Bethlehem: dr. Henk Basson

Mastitis (B 3) due to wet conditions.

Bloemfontein: dr. Stephan Wessels

Mastitis (B 3)

Clocolan: drs. Marwick and Wasserman

Mastitis (B 3)

Hoopstad: dr. Kobus Pretorius

Mastitis (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Mastitis (B,O 1)

KwaZulu-Natal

Dundee: dr. Jacque Marais Mastitis (B 3) due to muddy conditions
Estcourt: drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar Mastitis (B 2)
Howick: dr. Stephen Hughes Mastitis (B 3)
Mooi River: drs. Fowler, Hartley and Mallet Mastitis (B 3)
Mtubatuba: dr. Trever Viljoen Mastitis (B,C 2)
Pongola: dr. Heinz Kohrs Mastitis (B 3) Calving season with lots of mastitis cases amongst subsistence farmers.
Underberg: drs. Collins, King and Delaney Mastitis (B 3) due to onset of hot weather.

Eastern Cape

Cradock dr. Frans Erasmus Mastitis (B 2) Had cases of blue udder due to <i>Mannheimia haemolytica</i> , waiting for result of typing.
Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé Mastitis (B 3)
Somerset East: drs. Farrel and Louw Mastitis (B 3) Environmental mastitis, blue udder, <i>Pseudomonas</i> .
Tsitsikamma: drs. Lategan, Hoek and McFarlane Mastitis (B 3) especially <i>E. coli</i>
Uitenhage: dr. Riaan Mulder Mastitis (B 3)

Western Cape

Darling: drs. Van der Merwe and Adam Mastitis (B 2)
George: drs. Strydom, Truter and Pettifer Mastitis (B 3)
Malmesbury: dr. Otto Kriek Mastitis (B 2)
Swellendam: dr. Jacques Malan Mastitis (B 3)

Foot rot and lameness

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	5	2	3	1	8	6	3	1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	3	2	3	3	3	2	2	
Species affected	B,O,C	B,O	B,O,C	B	B,O	B,O,C	B,O	B	

Mpumalanga

Balfour: dr. Louis van Jaarsveld Foot rot (B,O,C 2) due to very wet conditions
Bethal: dr. Hardus Pieters

Lameness (O 2)

Ermelo: dr. Ben Potgieter

Foot rot and foot abscesses (B,O 3) Especially in sheep due to wet conditions.

Lydenburg: dr. Gustav Trümpelmann

Foot rot (B,O 2)

Standerton: dr. Kobie Kroon

Lameness (O 3) foot rot due to very wet conditions.

Gauteng

Bronkhorstspuit dr. Johan Jooste

Lameness (B 3) hooves soft due to wet kraals. Bruising of soles increased dramatically.

Pretoria: dr. Hanneke Pienaar

Lameness (O 2)

Limpopo

Bela-Bela: dr. Marius du Toit

Lameness (B 2) due to trauma.

Machado: dr. Freddie Harris

Lameness (B,O,C 3) due to muddy conditions.

Polokwane: dr. Gavin Watson

Lameness (B,O,C 2)

North West

Brits dr. Johan Jooste

Lameness (B 3)

Free State

Bloemfontein: dr. Stephan Wessels

Lameness (O 3)

Clocolan: drs. Marwick and Wasserman

Lameness (B 2) in 3 bulls.

Frankfort: dr. Dries Lessing

Lameness (B 2)

Hoopstad dr. Johan Jooste

Lameness (B 3) due to hairy warts.

Hoopstad: dr. Kobus Pretorius

Lameness (B 1, O 3)

Ladybrand drs. Van Hasselt and De Vos

Lameness (O 2)

Reitz: dr. Murray Smith

Lameness (B,O 2)

Villiers: drs. Hattingh and Hauptfleisch

Lameness (B,O 3)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Lameness (B 2)

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

Lameness (B 3)

Howick: dr. Stephen Hughes

Lameness (B 3)

Mooi River: drs. Fowler, Hartley and Mallet

Lameness (B,O 3)

Mtubatuba: dr. Trever Viljoen

Lameness (C 2)

Pietermaritzburg: dr. Phillip Kretzmann

Lameness (B 2)

Eastern Cape

Cradock dr. Frans Erasmus

Lameness (O 3) due to foot abscesses caused by bont-legged ticks.

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé

Lameness (B 2)

Tsitsikamma: drs. Lategan, Hoek and McFarlane

Lameness (B 2)

Western Cape

Darling: drs. Van der Merwe and Adam

Lameness (B 2)

Bloat

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Diarrhoea

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	3	2	2	1	8	7	2	1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	3	2	3	3	2	2	3	
Species affected	B,O	B,O	B	B	B	B,O,C	B	B	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Diarrhoea (B,O 2)

Nelspruit: dr. André Beytell

Diarrhoea (B 3)

Volkstrust: dr. André Visser

Diarrhoea (B 2)

Gauteng

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

Diarrhoea (B 3)

Pretoria: dr. Hanneke Pienaar

Diarrhoea (O 3)

Limpopo

Mokopane: dr. Henk Visser

Diarrhoea (B 2)

Polokwane: dr. Gavin Watson

Diarrhoea (B 2)

North West

Stella: dr. Magdaleen Vosser

Diarrhoea (B 3)

Free State

Bloemfontein: dr. Stephan Wessels

Diarrhoea (B 3) in beef calves from different areas.

Clocolan: drs. Marwick and Wasserman

Diarrhoea (B 3)

Frankfort: dr. Dries Lessing

Diarrhoea (B 3)

Harrismith: drs. Thirion, Nel and Pretorius

Diarrhoea (B 3) Many calves with diarrhoea with some acute deaths. In most cases *E. coli* was isolated.

Hoopstad: dr. Kobus Pretorius

Diarrhoea (B 3)

Reitz: dr. Murray Smith

Diarrhoea (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Diarrhoea (B 1)

Zastron: dr. Philip Brandt

Diarrhoea (B 3) Every year this period, diarrhoea is a problem in beef calves on certain farms due to rota virus infection.

KwaZulu-Natal

Dundee: dr. Jacque Marais

Diarrhoea (B 3)

Dundee: dr. Tony Grace

Diarrhoea (B 3)

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

Diarrhoea (B 2)

Mtubatuba: dr. Trever Viljoen

Diarrhoea (C,O 2)

Pietermaritzburg: dr. Phillip Kretzmann

Diarrhoea (B,O 3) in calves, lambs and kids.

Pongola: dr. Heinz Kohrs

Diarrhoea (B 1)

Vryheid: dr. Gert Theron

Diarrhoea (B 3) in calves.

Eastern Cape

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé

Diarrhoea (B 2)

Somerset East: drs. Farrel and Louw

Diarrhoea (B 2) in calves due to poor colostrum management.

Western Cape

George: drs. Strydom, Truter and Pettifer

Diarrhoea (B 3)

Eye infection/Ophthalmia/Kerato-conjunctivitis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	7	2	3	4	14	9	4	4	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	3	2	3	3	2	3	3	
Species affected	B,O,C	B,O	B,O	B,O	B,O	B,O,C	B	B,O	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Ophthalmia (B,O,C 2)

Bethal: dr. Hardus Pieters

Ophthalmia (B,O 3)

Ermelo: dr. Gert Oosthuizen

Ophthalmia (B,O 2)

Ermelo: dr. Ben Potgieter

Ophthalmia (B 2)

Nelspruit: dr. André Beytell

Ophthalmia (B 3)

Standerton: drs. Kobie Kroon

Ophthalmia (B,O 3) severe fly worry carrying bacteriae.

Volksrust: dr. André Visser

Ophthalmia (B 2)

Gauteng

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

Ophthalmia (B,O 3)

Pretoria: dr. Hanneke Pienaar

Ophthalmia (B,O 2)

Limpopo

Bela-Bela: dr. Marius du Toit

Ophthalmia (B,O 3)

Modimolle: drs. Huber, Bredell and Barnard

Ophthalmia (B 1)

Polokwane: dr. Gavin Watson

Ophthalmia (B 2)

North West

Christiana: dr. Pieter Nel

Pneumonia (B,O 2)

Leeudoringstad: dr. Ian Jonker

Ophthalmia (B,O 2)

Schweizer-Reneke: dr. N.J. Heyns

Ophthalmia (B 3)

Ventersdorp: dr. Oloff Marais

Ophthalmia (B 3)

Free State

Bloemfontein: dr. Stephan Wessels

Ophthalmia (B 3)
Clocolan: drs. Marwick and Wasserman
Ophthalmia (B,O 3)
Frankfort: dr. Dries Lessing
Ophthalmia (B 3)
Hertzogville: drs. Hendrikz and Naudé
Ophthalmia (B,O 3)
Harrismith: drs. Thirion, Nel and Pretorius
Ophthalmia (B,O 3)
Heilbron: dr. Piet van Zyl
Ophthalmia (O 3)
Hoopstad: dr. Kobus Pretorius
Ophthalmia (B 2,O 3)
Kroonstad: drs. Daffue, Eksteen, Van Zyl and Van der Walt
Ophthalmia (B,O 2) Infectious ophthalmia in sheep and <i>Moraxella</i> in cattle.
Ladybrand drs. Van Hasselt and De Vos
Ophthalmia (B 1)
Memel: dr. Neil Nixon
Ophthalmia (B 3)
Harrismith: drs. Thirion, Nel and Pretorius
Ophthalmia (B,O 3)
Viljoenskroon: dr. Johan Kahts
Ophthalmia (B,O 3)
Villiers: drs. Hattingh and Hauptfleisch
Ophthalmia (B,O 2)
Zastron: dr. Philip Brandt
Ophthalmia (B 2)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd
Ophthalmia (B,O 2) mainly in young animals.
Dundee: dr. Jacque Marais
Ophthalmia (B 3)
Dundee: dr. Tony Grace
Ophthalmia (B 2) Sporadic cases seen associated with fly worry.
Estcourt: drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar
Ophthalmia (B,O 2)
Mooi River: drs. Fowler, Hartley and Mallet
Ophthalmia (B 2)
Mtubatuba: dr. Trever Viljoen
Ophthalmia (B,C 2)
Newcastle: Rafferty and Oglesby
Ophthalmia (B 2) in beef calves.
Pongola: dr. Heinz Kohrs
Ophthalmia (B,C 1)
Vryheid: dr. Gert Theron
Ophthalmia (B,O 3)

Eastern Cape

Alexandria: dr. Johan Olivier
Ophthalmia (B 3)

Aliwal North: drs. Troskie and Strauss

Ophthalmia (B 2)

Somerset East: drs. Farrel and LouwOphthalmia (B 2) in calves due to poor colostrum management and they were not vaccinated against *Moraxella*.**Tsitsikamma: drs. Lategan, Hoek and McFarlane**

Ophthalmia (B 3)

Western Cape**George: drs. Strydom, Truter and Pettifer**

Ophthalmia (B 3) flies play a major role in transmission of infection.

Malmesbury: dr. Otto Kriek

Ophthalmia (B,O 3)

Oudtshoorn: dr. Glen Carlisle

Ophthalmia (B,O 2) Due to the high rainfall and high temps (38 + °C) as well as high humidity on certain days , there are millions of midges and mosquitoes. This is probably the cause of most of the ocular irritations. Have also seen few hypersensitive animals with urticariae and pruritis.

Stellenbosch: dr. Alfred Kidd

Ophthalmia (B 3)

Abscesses

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	3	2	1	1	6	6	1	2	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3	3	3	3	2	2	1	1	
Species affected	B	O,C	B,O,C	B	B,O	B	B	B	

Mpumalanga**Balfour: dr. Louis van Jaarsveld**

Abscesses (B 1)

Delmas: dr. Johan Jooste

Abscesses (B 3) dramatic increase in the incidence of abscesses.

Nelspruit: dr. André Beytell

Abscesses (B 3)

Gauteng**Bapsfontein: dr. Matthew Legg**Abscesses (O 3) Had a flock of sheep breaking out in abscesses due to *Corynebacterium pseudotuberculosis*.**Nigel: dr. Cindy van der Westhuizen**

Absesse (O,C 2)

Limpopo**Machado: dr. Freddie Harris**

Abscesses (B,O,C 3) caused by high bont-legged tick challenge. The sheaths of bulls severely affected.

North West**Brits: dr. Boshoff and Hahn**

Abscesses (B 3)

Free State

Clocolan: drs. Marwick and Wasserman

Abscesses (O 1)

Frankfort: dr. Dries Lessing

Abscesses (B 2)

Hoopstad: dr. Kobus Pretorius

Abscesses (O 1)

Ladybrand drs. Van Hasselt and De Vos

Abscesses (O 1)

Memel: dr. Neil Nixon

Abscesses (O 3)

Villiers: drs. Hattingh and Hauptfleisch

Abscesses (B 1)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Abscesses (B 1)

Dundee: dr. Jacque Marais

Abscesses (B 3)

Dundee: dr. Tony Grace

Abscesses (B 2) Huge abscesses were treated on 5 calves (2-3 month old) that had been in a game camp for a while. It is suspected that some of the game (Zebra ?) attacked the cattle, and the resultant bruising lead to abscessation. The lesions are at the stifle / elbow height.

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

Abscesses (B 2)

Mooi River: drs. Fowler, Hartley and Mallet

Abscesses (B 3)

Pongola: dr. Heinz Kohrs

Abscesses (B 1)

Eastern Cape

Tsitsikamma: drs. Lategan, Hoek and McFarlane

Abscesses (B 1)

Western Cape

Malmesbury: dr. Otto Kriek

Abscesses (B 1)

Swellendam: dr. Jacques Malan

Abscesses (B 1)

Pneumonia

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	5	2		1	5	6	1	3	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	1		1	2	2	3	2	
Species affected	B	B,O		B	B,O	B	O	B,O	

Mpumalanga

Bethal: dr. Hardus Pieters

Pneumonia (B 2)

Lydenburg: dr. Gustav Trümpelmann

Pneumonia (B 2) on 2 farms, one death.

Middelburg: drs. Fourie and Barkhuizen

Pneumonia (B 2) Of the worst outbreaks of pneumonia take place in summer. Be aware that pneumonia is not only a winter disease.

Nelspruit: dr. André Beytell

Bovine respiratory disease (B 2) Feed lot cattle: transport took place while it was raining. Processing program regarding vaccination not followed. Seven animals died.

Piet Retief : drs. Niebuhr and Weber

Pneumonia (B 2)

Gauteng

Nigel: dr. Cindy van der Westhuizen

Pneumonia (B 1) in a bull.

Pretoria: dr. Hanneke Pienaar

Pneumonia (O 2)

North West

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

Pneumonia (B 1)

Free State

Bloemfontein: dr. Stephan Wessels

Pneumonia (B 3) in beef calves.

Clocolan: drs. Marwick and Wasserman

Pneumonia (B 2)

Heilbron: dr. Piet van Zyl

Pneumonia (B 1) due to *Pasteurella multocida*.

Hoopstad: dr. Kobus Pretorius

Pneumonia (B,O 3)

Viljoenskroon: dr. Johan Kahts

Pneumonia (B 1)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Pneumonia (B,O 2)

Dundee: dr. Jacque Marais

Pneumonia (B 2)

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

Pneumonia (B 2)

Howick: dr. Stephen Hughes

Pneumonia (B 2)

Mtubatuba: dr. Trever Viljoen

Pneumonia (B,C 2)

Pietermaritzburg: dr. Rick Mapham

Respiratory disease (B 2) I saw respiratory disease that is negative IBR and BVD but histopathology is consistent with viral pneumonia – we need someone who can try to culture/identify this infection.

Eastern Cape

Somerset East: drs. Farrel and Louw

Pneumonia (O 3) in unvaccinated lambs..

Western Cape

Darling: drs. Van der Merwe and Adam

Pneumonia (B,O 3) In a large flock of sheep there was a severe pneumonia/black lungs outbreak.

George: drs. Strydom, Truter and Pettifer

Pneumonia (B 3) especially in young animals. Changes in weather conditions, stress and compromised immunity play a role. Vaccination is recommended to prevent respiratory diseases.

Stellenbosch: dr. Alfred Kidd

Pneumonia (B 1)

Nutritional deficiencies

Macro feed

Protein

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease				1	2				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance				3	2				
Species affected				B,O	B,O				

North West

Christiana: dr. Pieter Nel

Protein deficiency (B,O 3)

Free State

De Wetsdorp: dr. Marike Badenhorst

Protein deficiency (O 2)

Ladybrand: drs. Van Hasselt and De Vos

Protein deficiency (B,O 2)

Energy

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease				1	3	1			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance				3	2	2			
Species affected				B,O	O	B			

North West

Christiana: dr. Pieter Nel

Energy deficiency (B,O 3)

Free State

De Wetsdorp: dr. Marike Badenhorst

Energy deficiency (O 2)

Hoopstad: dr. Kobus Pretorius

Energy deficiency (O 2)

Ladybrand: drs. Van Hasselt and De Vos

Energy deficiency (O 2)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Energy deficiency (B 2)

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

Energy deficiency (B 2)

Phosphate

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease				2					
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance				3					
Species affected				B					

North West

Christiana: dr. Pieter Nel

Phosphate deficiency (B 3)

Leeudoringstad: dr. Ian Jonker

Phosphate deficiency (B 2) heifers walking stiffly.

Calcium

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1				1	2	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1				1	3	3		
Species affected	O				B	B	B		

Mpumalanga

Middelburg: drs. Fourie and Barkhuizen

Calcium deficiency (O 1)

Free State

Villiers: drs. Hattingh and Hauptfleisch

Calcium deficiency (B 1)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Calcium deficiency (B 2)

Howick: dr. Stephen Hughes
Calcium deficiency (B 3)

Eastern Cape

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé
Calcium deficiency (B 3)

Magnesium

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Non esterified fatty acids (NEFA)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Beta-hydroxybutyrate (BHB)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Other Micro feed conditions

Copper

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease		1							
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance		2							
Species affected		B							

Gauteng

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

Abomasal ulcers: In one herd, 3 calves died between 1.5 and 3 months of age due to perforated abomasum ulcers. Injected all animals with copper and ulceration stopped. Diarrhoea incidence also much lower after copper treatment.

Selenium

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease				1		1			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance				3		2			
Species affected				O		B			

North West

Christiana: dr. Pieter Nel
Selenium deficiency (O 3)

KwaZulu-Natal

Estcourt: drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar
Selenium deficiency (B 2)

Zinc

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Molibdinum

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease					1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Vitamin A

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease				2	1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance				3	3				
Species affected				B,O	B,O				

North West

Christiana: dr. Pieter Nel
Vitamin A deficiency (B,O 3)

Ventersdorp: dr. Oloff Marais
Vitamin A deficiency (B 3)

Free State

Hoopstad: dr. Kobus Pretorius
Vitamin A deficiency (B,O 3)

VitaminB 1 deficiency

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease									
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance									
Species affected									

Metabolic diseases

Domsiekte (Pregnancy toxaemia)

Fatty liver syndrome

Milk fever

Western Cape

Malmesbury: dr. Otto Kriek

Milk fever (B 3) Retained afterbirths in dairy cows probably due to subclinical milk fever. 50% of close-up cows' urine pH was above 7 clearly indicating that the cows did not take in enough anion salts.

Other conditions

Abomasal ulcers

Gauteng

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

Abomasal ulcers: In one herd, 3 calves died between 1.5 and 3 months of age due to perforated abomasum ulcers. Injected all animals with copper and ulceration stopped. Diarrhoea incidence also much lower after copper treatment.

Black carcasses

Western Cape

Beaufort West: drs. Pienaar and Grobler

Black carcasses (O 2) At certain times of the year sheep coming from certain areas of the Koup are condemned at the abattoir for esthetical reasons due to connective tissue/collagen darkening a few hours after slaughtering. Up to now the reason for this could not be established. Some condemnations could reach up to 25% of a group of sheep.

Downer cows

Exposure

Left (LDA) and right displaced abomasum (RDA)

KwaZulu-Natal

Dundee: dr. Jacque Marais

LDA's (B 2) all with endometritis or mastitis.

Malnutrition

North West

Christiana: dr. Pieter Nel

Drought conditions. Poor condition of cattle is reason for dystocias, prolapses of the uteruses and vaginas and for poor conception.

Stella: dr. Magdaleen Vosser

Shortage of grazing, started raining.

Western Cape

Malmesbury: dr. Otto Kriek

Lower milkproduction (B 3) Quite a few farmers try to save excessively on feed and medicine costs at quite a substantial cost in terms of production in the end. The impact of low milk prices is more than what most people realise!!

Penis haematomas

North West

Leeudoringstad: dr. Ian Jonker

Numerous bulls seen with penis haematomas

Teratogenicity

Traumatic reticulitis

Urolithiases (urinary calculi)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Urolithiasis (O 1)

Game

Limpopo

Bela-Bela: dr. Marius du Toit

Wireworm in Sable

Ophthalmia in Nyala

Free State

Hertzogville: drs. Hendrikz and Naudé

Biting flies (G 3)

Pneumonia (G 1) in a roan.

KwaZulu-Natal

Pongola: dr. Silke Pfitzer
Theileriosis (Buffalo 1)

Horses

Mpumalanga

Ermelo: dr. Ben Potgieter

African Horse Sickness (E 1) one case in the Piet Retief area. Hear of outbreaks in Swaziland.

Gauteng

Bapsfontein: dr. Matthew Legg

Colic (E 3) Lots of colics over December. Ranging from impactions to severe displacements and one torsion.

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

Ophthalmia (E 3)

Limpopo

Bela-Bela: dr. Marius du Toit

African Horse Sickness (2 cases) Dikkop.

Ophthalmia

Machado: dr. Freddie Harris

African Horse Sickness (E 2) Dikkop.

Modimolle: drs. Huber, Bredell and Barnard

Babesiosis (E 1)

Free State

Clocolan: drs. Marwick and Wasserman

Tetanus (E 1)

Heilbron: dr. Piet van Zyl

Ticks, flies, overeating of maize meal after breaking into a barn.

KwaZulu-Natal

Pongola: dr. Heinz Kohrs

Tetanus (E 1)

Pigs

Limpopo

Machado: dr. Freddie Harris

E.coli outbreak in pigs confirmed by IDEXX

Practices that had nothing to report

Mpumalanga
Nelspruit: dr. Derek Venter

KwaZulu-Natal
Mtunzini: dr. Peter Ardington

Western Cape
Plettenberg Bay: dr. André Reitz
Plettenberg Bay: dr. Stephan Nell

Feedlot report

Feed lot report for August: drs. Shaun Morris and Eben du Preez

Sheep feed lots

Health in sheep feed lots had been good in December. Foot rot and foot abscesses caused problems in kraals that had been very wet. Prolapses occurred in sheep when they coughed and is accompanied with pneumonia. A few cases of bladder calculi occurred and emergency slaughter had to be done. Most of these carcasses were condemned.

Cattle feed lots

Anaplasmosis caused losses in numerous feed lots since these animals had been diseased for some time before they were seen and treated.. Some cases of red water were seen. Blackquarter caused some losses in a few feed lots. This disease usually occurred in fat cattle in the final stage of feeding. Adaptions were made to vaccination programmes.

Urinary calculi occurred.

Warts were seen and some cattle were covered with warts. We suspect that such animals' immune systems are compromised and that the cattle probably previously were subjected to a BVD infection.

Laboratory reports

Monthly report from dr. Marijke Henton, Idexx SA – Johannesburg

December 2013

Feedlot lambs showing diarrhoea yielded *E. coli* O78:K80 and *E. coli* O8:K-. Both are pathogenic strains of *E. coli* producing a variety of virulence factors. Serotyping is done at the Onderstepoort Veterinary Institute, and virulence factors are detected by various PCR tests. As the market for such tests is so tiny, not all serotyping or PCR tests are at present available in South Africa. Both of these types are capable of producing CNF 2 [Cytotoxic Necrotizing Factor], which is involved in septicaemic lesions and enteritis. They may also produce other toxins and attachment

factors, which enable the bacteria to stay in the intestine, and not be washed down the tract, when diarrhoea occurs. There is at present no vaccine available in South Africa which would protect against these two types, and an autogenous vaccine would have to be considered in severe outbreaks.

Corynebacterium pseudotuberculosis caused abscession in sheep and a goat, and another goat had a *Staphylococcus pseudintermedius* abscess. *Trueperella pyogenes* caused a sheep abscess and an abortion in a Santa Gertrudis stud. *Brucella abortus* was responsible for the other abortion seen.

Pneumonia was associated with *Histophilus somni* in a boerbok, and a Saanen had *Mannheimia haemolytica* pneumonia.

Bacteria corresponding with *Lawsonia intracellularis* were seen on intestinal smears from young ostriches with necrotic enteritis.

The rest of the isolates were from a number of farm animals with diarrhoea, and *E. coli* or *Clostridium perfringens* were isolated from them. There was unfortunately insufficient history available for all of these cases, and in such circumstances it is not possible to determine whether the isolates are significant or are only the common contaminants that such isolates often are.

Monthly report from dr. Liza du Plessis – Idexx SA, Onderstepoort

Condition	Specie	Comment
Tapeworms	B,O 2	
Brown ear ticks	B 2	
Heartwater	B 1	
<i>Theileria</i> spp.	Game 2	
<i>Besnoitia</i>	B 1	
Blackleg (B 1)	B 1	
Pulpy kidney	O,C 2	
Snotsiekte	B 1	
Gousiekte	B 2	
Liver toxicity	B,O 2	<i>Lantana, Cestrum, Senecio</i>
Abortion	B, Game 2	
Diarrhoea	B 2	
Porcine proliferative Enteropathy	P 2	<i>Lawsonia</i>

Monthly report from the Provincial Veterinary Laboratory in Stellenbosch – dr. Annelize Jonker

Condition	Specie	Comments
Pneumonia, Vegetative endocarditis	Bovine	<u>Kuilsrivier district:</u> <i>Salmonella</i> I was isolated from samples of the endocard and epicard from a carcass with a vegetative endocarditis lesion. This is a rare finding in cattle that has been documented in humans as well. <u>Paarl district:</u> <i>Trueperella pyogenes</i> was isolated from a lung sample. <i>Pasteurella multocida</i> was isolated from a lung sample from a month

		old calf.
Enteritis	Porcine	<u>Paarl district</u> : <i>Salmonella</i> I was isolated from mesenteric lymphnode and intestinal samples.
Umbilical infection	Equine	<u>Hermanus district</u> : <i>Streptococcus zooepidemicus</i> was isolated from umbilical and abscess samples from a carcass of a four month old foal.
Lumpy wool	Ovine	