

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

November 2013

Introduction and summary of diseases and other conditions during November 2013

Drought

It has been very dry in the western and central areas of the country and reports of severe **protein and energy deficiencies** were received. Heavy mortalities, downer cows, cows too weak to calf had to be helped, prolapses of the uterus and retained afterbirths were reported. As a result of the drought there was hardly any grazing and **slangkop** (*Urginea* spp.), an extremely toxic plant, sprouted and caused mortalities when eaten. Farmers were warned that **sand impaction** may occur once it starts raining as sand is consumed with the small tufts of green. Additional licks and fodder were given to keep them alive and due to overfeeding some of the foetuses were too big and heifers had difficulty in calving.

Internal parasites

The **wireworm** season has started and reports were received of small stock dying. Remember to be aware of clinical signs of verminosis: anaemia, bottle jaw, diarrhoea and emaciation. Take dung samples to your veterinarian and weigh the animals regularly to see if they are picking up weight after the winter season. Remember to evaluate after each treatment whether the anthelmintic used had been effective by using the **5 point check**. Consult with your veterinarian how to use this management program.

External parasites

In many areas there had been a **tick** explosion and as a result reports of tick borne diseases i.e. **African and Asiatic red water, anaplasmosis** and **heartwater** were received. There are vaccines against all of these diseases and your veterinarian will be able to tell you how to use them.

Insect transmitted diseases

Outbreaks of **lumpy skin disease** and **three day stiff sickness** were reported. Hopefully farmers have already vaccinated their animals against **Rift Valley fever, Wesselsbron, blue tongue, lumpy skin disease, three day stiff sickness** and **African horse sickness**. Please consult your veterinarian on the use of these vaccines.

Venereal diseases

It is of grave concern that we have to report that **venereal diseases** such as **trichomonosis, vibriosis** and **brucellosis** are still spreading. Strict **biosecurity measures** should always be followed together with testing of bulls, pregnancy examinations, culling of animals and immunization. Whole communities should be involved in such programmes otherwise the battle will be lost!

Bacterial and viral diseases

The biggest threat to farmers is not following a proper immunization program. It is often reported that animals were not vaccinated. Outbreaks of **blackquarter, swelled head, red and blood gut, pulpy kidney, botulism, tetanus, E.coli, salmonellosis, respiratory diseases, diarrhoea, abscesses** and **ophthalmia** were received. I wonder how many farmers still vaccinate their animals with **anthrax** and **Brucella** vaccines?

Snotsiekte outbreaks are on the increase and drastic steps should be taken to curb this deadly

disease. Good neighbourliness and strict biosecurity measures should always be in place. An outbreak of **Corridor disease** was reported where cattle and buffalo were in contact and 30 out of 300 animals died.

Poisonings

Too many mortalities are reported each month due to urea poisoning. In one case a loss of R400 000 was recorded. Other poisonings recorded were due to tulip, krulblaartulp, gifblaar, gousiekte, *Lantana*, ink berry, slangkop, *Cynanchum*, rye grass, prussic acid, acidosis, organophosphate, organochlorine, fogfever, photosensitivity, salt and copper.

In one case long weaners drank from a contaminated dam with water poisoned by algae (*Mycrocystis toxica*) and 34 animals died.

Comment

The summary above give some information on what happened during November. It is advised that the full report and especially the laboratory results received should be scrutinized.

Level of Reporting

The following veterinarians submitted reports for November 2013:

Mpumalanga

Balfour – dr. Louis van Jaarsveld

Bethal – dr. Hardus Pieters

Ermelo – dr. Gert Oosthuizen

Lydenburg - drs. Trümpelmann and Steyn

Middelburg – drs. Fourie and Barkhuizen

Nelspruit – dr. André Beytell

Piet Retief - drs. Niebuhr and Weber

Standerton – dr. Kobie Kroon

Volksrust – dr. André Visser

Gauteng

Bronkhorstspuit - Drs. Herman and Elmarie de Bruin and Marguerite Rudolph

Onderstepoort – dr. Jan Bignaut

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

Lichtenburg – dr. Nelmarie Kruger-Rall

Rustenburg: drs. Gaigher, Grobler, Sparks, Van Egdom, Van Rooyen, Goosen and Van Rensburg
Schweizer-Reneke - dr. N.J. Heyns
Swartruggens – dr. Roselle Hartwigsen
Stella - dr. Magdaleen Vosser
Ventersdorp – dr. Oloff Marais
Vryburg - drs. Labuschagne and de Jager

Free State

Bethlehem – dr. Henk Basson
Bothaville – dr. Johan Blaauw
Clocolan – drs. Marwick and Wasserman
De Wetsdorp – Marike Badenhorst
Frankfort - dr. Dries Lessing
Harrismith - drs. Pretorius, Thirion and Nel
Hoopstad - dr. Kobus Pretorius
Kroonstad – drs. Daffue, Eksteen, Van Zyl and Van der Walt
Ladybrand- drs. Van Hasselt and De Vos
Memel – dr. Neil Nixon
Parys – dr. Johan Wessels
Reitz - dr. Murray Smith
Viljoenskroon - dr. Johan Kahts
Villiers - drs. Hattingh and Hauptfleish
Wesselsbron – dr. Johan Jacobs
Winburg – drs. Albertyn and Albertyn
Zastron – dr. Phillip Brandt

KwaZulu-Natal

Bergville - drs. Ariena Shepherd and Robyn Hamman
Camperdown – dr. Anthony van Tonder
Dundee - dr. Tony Grace
Dundee – dr. Jacque Marais
Estcourt – drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar
Greytown – dr. Mike Caldicott
Mtubatuba - dr. Trever Viljoen
Mtunzini - dr. Peter Ardington
Newcastle – drs. 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

Adelaide - Steve Cockroft
Alexandria - -dr. Johan Olivier
Aliwal North - drs. Troskie and Strauss
Graaff- Reinet - dr. Roland Larson
Humansdorp - drs. Van Niekerk, Jansen Van Vuuren, Barber and Kotze

Queenstown – drs. Du Preez, Godley and partners

Western Cape

Beaufort West - drs. Pienaar and Grobler
Caledon – dr. Ian Herbst
Ceres – dr. Marc Walton
Darling – drs. Van der Merwe and Adam
George - drs. Strydom, Truter, and Pettifer
Heidelberg: dr. Albert van Zyl
Malmesbury – dr. Otto Kriek
Stellenbosch – dr. Alfred Kidd
Swellendam – dr. Norman Pearson
Vredenburg - dr. Izak Rust
Wellington – dr. William van Zyl

Northern Cape

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

Feed lot report

Drs. Shaun Morris and Eben du Preez

Laboratory reports

Dr. Marijke Henton -Idexx SA Johannesburg
Liza du Plessis – Idexx SA – Ondestepoort
Dr. Lucy Lange – Pathcare – Cape Town
Dr. Annelize Jonker – State laboratory Stellenbosch
Dr. J.H. Vorster, Vetdiagnostix Pietermaritzburg

General disease trends and discussion as informally reported by veterinarians during 2013

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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	4	2	3	1	7	6	4	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	2	2	2	2	2	3	2	
Species affected	O,C	O,C	O	O	B,O	B,O,C	O,C	B,O	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Intestinal roundworms (O,C 3) wireworm.

Ermelo: dr. Gert Oosthuizen

Intestinal roundworms (O,C 2)

Lydenburg: drs. Trümpelmann and Steyn

Intestinal roundworms (O 1)

Standerton: drs. Kobie Kroon

Intestinal roundworms (O 3) numerous cases of wireworm seen.

Gauteng

Onderstepoort : dr. Dawie Blignaut

Intestinal roundworms (O,C 1)

Pretoria: dr. Hanneke Pienaar

Intestinal roundworms (O 2)

Limpopo

Machado: drs. Harris, Klopper and Jacobs

Intestinal roundworms (O 3) wireworm.

Modimolle: drs. Huber, Bredell and Barnard

Intestinal roundworms (O 3)

Mokopane: dr. Henk Visser

Intestinal roundworms (O 1)

North West

Ventersdorp: dr. Olaff Marais

Intestinal roundworms (O 2) wireworm.

Free State

Frankfort: dr. Dries Lessing

Intestinal roundworms (O 3)

Harrismith: drs. Thirion, Nel and Pretorius

Intestinal roundworms (O 2) A few mortalities due to wireworm infestation especially in ewes with lambs were recorded. Concentration of sheep in camps around houses to prevent losses due to predators.

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

Intestinal roundworms (O 2)

Ladybrand: drs. Van Hasselt and De Vos

Intestinal roundworms (O 1)

Reitz: dr. Murray Smith

Intestinal roundworms (O 3)

Villiers: drs. Hattingh and Hauptfleisch

Intestinal roundworms (O 2) wireworm infestation.

Zastron: dr. Philip Brandt

Intestinal roundworms (B,O 1)

KwaZulu-Natal

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

Intestinal roundworms (O 1)

Mtubatuba: dr. Trever Viljoen

Intestinal roundworms (B,O,C 2)

Mtunzini area: dr. Peter Ardington

Intestinal roundworms (B,O 2)

Pietermaritzburg: dr. Phillip Kretzmann

Intestinal roundworms (B,O,C 2)

Pongola: dr. Heinz Kohrs

Intestinal roundworms (B,C 1)

Underberg: drs. Collins, King and Delaney

Intestinal roundworms (O 3)

Eastern Cape

Adelaide: Steve Cockroft

Wireworm (O 3) had good rains.

Aliwal North: drs. Troskie and Strauss

Intestinal roundworms (O 2)

Graaff-Reinet: dr. Roland Larson

Intestinal roundworms (O,C 2)

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

Intestinal roundworms (O 3)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Intestinal roundworms (O 2)

Caledon: dr. Ian Herbst

Intestinal roundworms (O 2)

George: drs. Strydom, Truter and Pettifer

Intestinal roundworms (O 3)
Stellenbosch: dr. Alfred Kidd
Intestinal roundworms (B 1)
Swellendam: dr. Norman Pearson
Intestinal roundworms (B,O 3)
Wellington: dr. William van Zyl
Intestinal roundworms (O 2)

Resistant roundworms

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

Mpumalanga

Balfour: dr. Louis van Jaarsveld
Resistant roundworms (O 3)
Volksrust: dr. André Visser
Resistant roundworms (O 2)

Limpopo

Modimolle: drs. Huber, Bredell and Barnard
Resistant roundworms (O 2) have difficulty in controlling worm infestation in sheep.

KwaZulu-Natal

Underberg: drs. Collins, King and Delaney
Resistant roundworms (O 2)

Eastern Cape

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé
Resistant roundworms (O 3)
Queenstown: drs. Du Preez, Godley and partners
Resistant roundworms (O 1)

Western Cape

Caledon: dr. Ian Herbst
Resistant roundworms (O 2)
George: drs. Strydom, Truter and Pettifer
Resistant roundworms (O 3)

Tapeworms

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	6	1			4	4	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	3	
Species affected	B,O,C	O			B,O	B,O,C	O,C	O	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Tapeworms (B,O,C 3)

Ermelo: dr. Gert Oosthuizen

Tapeworms (O,C 1)

Lydenburg: drs. Trümpelmann and Steyn

Tapeworms (O 1)

Nelspruit: dr. André Beytell

Tapeworms (B 1)

Measles (B 3)

Standerton: drs. Kobie Kroon

Tapeworms (O 3)

Volksrust: dr. André Visser

Tapeworms (O 1)

Gauteng

Pretoria: dr. Hanneke Pienaar

Tapeworms (O 2)

Free State

Bethlehem: dr. Henk Basson

Tapeworms (O 3) in lambs.

Memel: dr. Neil Nixon

Tapeworms (B,O 2)

Reitz: dr. Murray Smith

Tapeworms (O 3)

Villiers: drs. Hattingh and Hauptfleisch

Tapeworms (O 1)

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen

Tapeworms (C 2)

Pietermaritzburg: dr. Phillip Kretzmann

Tapeworms (B 2)

Cysticercus (B 1)

Pongola: dr. Heinz Kohrs

Cysticercosis (C 1)

Underberg: drs. Collins, King and Delaney

Tapeworms (B,O,C 2)

Eastern Cape

Adelaide: Steve Cockroft

Tapeworms (C 1) Mohair kids on pastures.

Graaff-Reinet: dr. Roland Larson

Tapeworms (O 2)

Western Cape

George: drs. Strydom, Truter and Pettifer

Tapeworms (O 3)

Swellendam: dr. Norman Pearson

Tapeworms (O 2)

Liver fluke worms

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

Mpumalanga

Lydenburg: drs. Trümpelmann and Steyn

Liver fluke worms (B,O 1)

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Liver fluke worms (B 1)

Limpopo

Mokopane: dr. Henk Visser

Liver fluke worms (B 1)

Free State

Memel: dr. Neil Nixon

Liver fluke worms (O 2)

Reitz: dr. Murray Smith

Liver fluke worms (O,B 3)

Villiers: drs. Hattingh and Hauptfleisch

Liver fluke (B,O 1)

KwaZulu Natal

Pietermaritzburg: dr. Phillip Kretzmann

Liver fluke worms (B 1)

Underberg: drs. Collins, King and Delaney

Liver fluke worms (B,O 2)

Vryheid: dr. Gert Theron

Liver fluke worms (B 3)

Eastern Cape

Queenstown: drs. Du Preez, Godley and partners

Liver fluke worms (B 3) Very high reinfection rate!

Western Cape

George: drs. Strydom, Truter and Pettifer

Liver fluke worms (B 2)

Swellendam: dr. Norman Pearson

Liver fluke worms (B,O 3)

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		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		1	2	1		
Species affected			B		B	B	B		

Limpopo

Modimolle: drs. Huber, Bredell and Barnard

Conical fluke (B 1)

Polokwane: dr. Gavin Watson

Conical fluke (B 1)

FreeState

Clocolan: dr. Marwick and Wasserman

Conical fluke (B 1)

Harrismith: drs. Thirion, Nel and Pretorius

Numerous complaints of cattle in Qua Qua with a severe putrid diarrhoea were received. Good results were achieved when cattle were treated for conical fluke.

Zastron: dr. Philip Brandt

Conical fluke (B 1)

KwaZulu-Natal

Pietermaritzburg: dr. Phillip Kretzmann

Conical fluke (B 2)

Underberg: drs. Collins, King and Delaney

Conical fluke (B 1)

Vryheid: dr. Gert Theron

Conical fluke (B 3)

Eastern Cape

Alexandria: dr. Johan Olivier

Conical fluke (B 1)

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

Conical fluke (B 1)

Parafilaria

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			2			2			
Species affected			B			B			

Limpopo

Mokopane: dr. Henk Visser

Parafilaria (B 1)

Polokwane: dr. Gavin Watson

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	8	1	4	4	7	10	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	1	2	2	2	3	2	2	
Species affected	B	B	B	B	B	B	B	B	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Blue ticks (B 3)

Ermelo: dr. Gert Oosthuizen

Blue ticks (B 3)

Lydenburg: drs. Trümpelmann and Steyn

Blue ticks (B,O 2)

Middelburg: drs. Fourie and Barkhuizen

Blue ticks (B 2)

Nelspruit: dr. André Beytell

Blue ticks (B 3)

Piet Retief: drs. Niebuhr and Weber

Blue ticks (B 2)

Standerton: drs. Kobie Kroon

Blue ticks (B 3)

Volksrust: dr. André Visser

Blue ticks (B 1)

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Blue ticks (B 1)

Limpopo

Bela-Bela: drs. Du Toit, Hansen, Bester and Herbst

Blue ticks (B 2)

Machado: drs. Harris, Klopper and Jacobs

Blue ticks (B 3)

Modimolle: drs. Huber, Bredell and Barnard

Blue ticks (B 3) High blue tick challenge especially after first summer rains.

Mokopane: dr. Henk Visser

Blue ticks (O 1)

North West

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

Blue ticks (B 2)

Schweizer-Reneke: dr. N.J. Heyns

Blue ticks (B 3)

Stella: Magdaleen Vosser

Blue ticks (B 2)

Swartruggens: dr. Roselle Hartwigsen

Blue ticks (B 1)

Free State

Frankfort: dr. Dries Lessing

Blue ticks (B 3)

Hoopstad: dr. Kobus Pretorius

Blue ticks (B 2)

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

Blue ticks (B 3)

Memel: dr. Neil Nixon

Blue ticks (B 2)

Parys: dr. Johan Wessels

Blue ticks (B 3) Severe infestation, make sure acaracides are effective.

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 2)

Dundee: dr. Jacque Marais

Blue ticks (B 3)

Dundee: dr. Tony Grace

Blue ticks (B 3)

Greytown: dr. Mike Caldicott

Blue ticks (B 2)

Mtubatuba: dr. Trever Viljoen

Blue ticks (B 2)

Mtunzini area: dr. Peter Ardington

Blue ticks (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Blue ticks (B 3)

Pongola: dr. Silke Pfitzer

Blue ticks (B 2)

Pongola: dr. Heinz Kohrs

Blue ticks (B 2)

Underberg: drs. Collins, King and Delaney

Blue ticks (B 3)

Vryheid: dr. Gert Theron

Blue ticks (B 3)

Eastern Cape

Adelaide: Steve Cockroft

Blue ticks (B 3)

Alexandria: dr. Johan Olivier

Blue ticks (B 1)

Aliwal North: drs. Troskie and Strauss

Blue ticks (B 2)

Queenstown: drs. Du Preez, Godley and partners

Blue ticks (B 3)

Western Cape

Caledon: dr. Ian Herbst

Blue ticks (B 2)

George: drs. Strydom, Truter and Pettifer

Blue ticks (B 3)

Malmesbury: dr. Otto Kriek

Blue ticks (B 2)

Swellendam: dr. Norman Pearson

Blue ticks (B 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		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	3		2		2	2			
Species affected	B		B		B	B			

Mpumalanga**Nelspruit: dr. André Beytell**

Resistant blue ticks (B 3)

Limpopo**Modimolle: drs. Huber, Bredell and Barnard**

Resistant ticks (B 1) blue ticks.

Polokwane: dr. Gavin Watson

Resistant blue ticks (B 2)

Free State**Villiers: drs. Hattingh and Hauptfleisch**

Resistant blue ticks (B 1)

Winburg: drs. Albertyn and Albertyn

Resistant blue ticks (B 2)

KwaZulu-Natal**Mtunzini area: dr. Peter Ardington**

Resistant blue ticks (B 1)

Pietermaritzburg: dr. Phillip Kretzmann

Resistant blue ticks (B 2)

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	3	2	4	5	11	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	2	2	3	3			2
Species affected	B	B,O	B,O	B	B,O	B			B

Mpumalanga**Bethal: dr. Hardus Pieters**

Bont-legged ticks (B 2)

Lydenburg: drs. Trümpelmann and Steyn

Bont-legged ticks (B 1)

Volksrust: dr. André Visser

Bont-legged ticks (B 2)

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Bont-legged ticks (B 2)

Onderstepoort : dr. Dawie Blignaut

Bont-legged ticks (C 3)

Pretoria: dr. Hanneke Pienaar

Bont-legged ticks (O 2)

Limpopo

Bela-Bela: drs. Du Toit, Hansen, Bester and Herbst

Bont-legged ticks (B 3)

Modimolle: drs. Huber, Bredell and Barnard

Bont-legged ticks (B,O 2)

Mokopane: dr. Henk Visser

Bont-legged ticks (B 1)

Polokwane: dr. Gavin Watson

Bont-legged ticks (B 2)

North West

Christiana: dr. Pieter Nel

Bont-legged ticks (B 1)

Leeudoringstad: dr. Ian Jonker

Bont-legged-ticks (1)

Lichtenburg: dr. Nelmarie Kruger-Rall

Bont-legged ticks (B 3)

Schweizer-Reneke: dr. N.J. Heyns

Bont-legged ticks (B 3)

Stella: Magdaleen Vosser

Bont-legged ticks (B 2)

Free State

Clocolan: dr. Marwick and Wasserman

Bont-legged ticks (B 3)

Frankfort: dr. Dries Lessing

Bont-legged ticks (B 3)

Hoopstad: dr. Kobus Pretorius

Bont-legged ticks (B 2)

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 3)

Memel: dr. Neil Nixon

Bont-legged ticks (B 2)

Parys: dr. Johan Wessels

Bont-legged ticks (B 3) Severe infestation, make sure acaricides are effective.

Viljoenskroon: dr. Johan Kahts

Bont-legged ticks (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Bont-legged ticks (B 2)

Wesselsbron: dr. Johan Jacobs

Bont-legged ticks (B,O 2)

Winburg: drs. Albertyn and Albertyn

Bont-legged ticks (B 3)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Bont-legged ticks (B 3)

Vryheid: dr. Gert Theron

Bont-legged ticks (B 2)

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	2	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			1	2	2	3		3	
Species affected			B	B,O	B	B		B	

Polokwane: dr. Gavin Watson

Red-legged ticks (B 1)

North West

Leeudoringstad: dr. Ian Jonker

Red-legged ticks (B,O 1)

Schweizer-Reneke: dr. N.J. Heyns

Red-legged ticks (B 3)

Free State

Hoopstad: dr. Kobus Pretorius

Red-legged ticks (B 2)

Memel: dr. Neil Nixon

Red-legged ticks (B 2)

KwaZulu-Natal

Pongola: dr. Heinz Kohrs

Red-legged ticks (B 2)

Underberg: drs. Collins, King and Delaney

Red-legged ticks (B 3)

Western Cape

Swellendam: dr. Norman Pearson

Red-legged ticks (B 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	4	1	2		1	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	3			
Species affected	B	B,E	B		B	B			

Mpumalanga

Lydenburg: drs. Trümpelmann and Steyn

Brown ear-ticks (B 1)

Middelburg: drs. Fourie and Barkhuizen

Brown ear-ticks (B 3) This is the ideal season for this tick. Ears should be inspected regularly for ticks and amitraz be used for ear treatment. The ticks are also encountered on the sheath of bulls and spot treatment of this area should not be neglected.

Standerton: drs. Kobie Kroon

Brown ear-ticks (B 2)

Volksrust: dr. André Visser

Brown ear-ticks (B 2)

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Brown ear-ticks (B,E 3)

Limpopo

Mokopane: dr. Henk Visser

Brown ear-ticks (B 2)

Vaalwater: dr. Hampie van Staden

Brown ear-ticks (B 3) adult stages.

Free State

Villiers: drs. Hattingh and Hauptfleisch

Brown ear-ticks (B 2)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Brown ear-ticks (B 3)

Bergville: drs. Ariena Shepherd

Brown ear-ticks (B 2)

Mtubatuba: dr. Trever Viljoen

Brown ear-ticks (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Brown ear-ticks (B 2)

Underberg: drs. Collins, King and Delaney

Brown ear-ticks (B 3)

Vryheid: dr. Gert Theron

Brown ear-ticks (B 3)

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	4	2	4	2		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	2	2	2		3	2	
Species affected	B	B,O	B,O	B,O		B,O,C	B	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Bont ticks (B 3)

Lydenburg: drs. Trümpelmann and Steyn

Bont ticks (B 1)

Middelburg: drs. Fourie and Barkhuizen

Bont ticks (1)

Nelspruit: dr. André Beytell

Bont ticks (B 3)

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Bont ticks (B 1)

Pretoria: dr. Hanneke Pienaar

Bont ticks (O 2)

Limpopo

Bela-Bela: dr. Marius du Plooy

Bont ticks (B 3)

Modimolle: drs. Huber, Bredell and Barnard

Bont ticks (B,O 2)

Mokopane: dr. Henk Visser

Bont ticks (B,O 1)

Polokwane: dr. Gavin Watson

Bont ticks (B 2)

North West

Stella: Magdaleen Vosser

Bont ticks (B 2)

Swartruggens: dr. Roselle Hartwigsen

Bont ticks (B,O 1)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Bont ticks (B,O 3)

Mtubatuba: dr. Trever Viljoen

Bont ticks (B,C 3)

Mtunzini area: dr. Peter Ardington

Bont ticks (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Bont ticks (B 3)

Pongola: dr. Heinz Kohrs

Bont ticks (B,O,C 2)

Pongola: dr. Silke Pfitzer

Bont ticks (B 2)

Eastern Cape

Alexandria: dr. Johan Olivier

Bont ticks (B 2)

Paralysis Ticks

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	2				2		2		
Species affected	O				O		O		

Mpumalanga

Ermelo: dr. Gert Oosthuizen

Paralysis ticks (O 2)

Free State

Reitz: dr. Murray Smith

Paralysis ticks (O 2)

Villiers: drs. Hattingh and Hauptfleisch

Paralysis ticks (O 2)

Eastern Cape

Aliwal North: drs. Troskie and Strauss

Paralysis ticks (O 2)

Biting Lice

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	2				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		2	
Species affected	B				O	B,O		O	

Mpumalanga

Standerton: dr. Kobie Kroon

Biting lice (B 3) Poor condition of animals due to late rains and drought.

Volksrust: dr. André Visser

Biting lice (B 2)

Free State

Villiers: drs. Hattingh and Hauptfleisch

Biting lice (O 1)

KwaZulu-Natal

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

Biting lice (B 1)

Underberg: drs. Collins, King and Delaney

Biting lice (O 2)

Western Cape

Caledon: dr. Ian Herbst

Biting lice (O 2)

Sucking Lice

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								

Mpumalanga

Standerton: dr. Kobie Kroon

Sucking lice (B 3) Poor condition of animals due to late rains and drought.

Volksrust: dr. André Visser

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				
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					0				
Species affected					1				

Free State

Frankfort: dr. Dries Lessing

Mites (O 1) sheep scab.

Nuisance and biting flies,

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	5		3	1	5	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	3		2	3	3	3		3	
Species affected	B,O,C,P		B	B	B,O,C	B,O,C,E		B	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Nuisance flies (B,O,C 3)

Ermelo: dr. Gert Oosthuizen

Nuisance flies (B 3)

Lydenburg: drs. Trümpelmann and Steyn

Nuisance flies (B,P 1)

Nelspruit: dr. André Beytell

Nuisance flies (B,O,C 3)

Volksrust: dr. André Visser

Nuisance flies (B 2)

Limpopo

Bela-Bela: drs. Du Toit, Hansen, Bester and Herbst

Nuisance and biting flies (3)

Mokopane: dr. Henk Visser

Nuisance flies (B 1)

Vaalwater: dr. Hampie van Staden

Nuisance and biting flies (3)

North West

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

Nuisance flies (B 3)

Free State

Bethlehem: dr. Henk Basson

Nuisance and biting flies (3)

Bothaville: dr. Johan Blaauw

Nuisance flies (B,O,C 3)

Reitz: dr. Murray Smith

Nuisance flies (B,O 3)

Villiers: drs. Hattingh and Hauptfleisch

Nuisance flies (B,O 3)

Winburg: drs. Albertyn and Albertyn

Nuisance flies (B 3)

KwaZulu-Natal

Dundee: dr. Tony Grace

Nuisance flies (B,E 3)

Dundee: dr. Jacque Marais

Nuisance flies (B 3) massive fly explosion.

Mtubatuba: dr. Trever Viljoen

Nuisance flies (B,C 2)

Mtunzini area: dr. Peter Ardington

Nuisance flies (B 2)

Underberg: drs. Collins, King and Delaney

Nuisance flies (B,O 3)

Vryheid: dr. Gert Theron

Nuisance and biting flies (3)

Western Cape

Darling: drs. Van der Merwe and Adam

Nuisance flies (B 3)

Stellenbosch: dr. Alfred Kidd

Nuisance flies (B 3)

Swellendam: dr. Norman Pearson

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	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	3	2	2		3				
Species affected	B	B,O,C	B		B,O				

Mpumalanga

Nelspruit: dr. André Beytell

Screw-worm (B 3)

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

Screw-worm (B,C 2)

Onderstepoort : dr. Dawie Blignaut

Screw-worm (O 2)

Limpopo**Modimolle: drs. Huber, Bredell and Barnard**

Screw-worm (B 2) Wounds caused by ticks with long mouth parts. Wounds infested with screw-worm larvae, especially on the sheaths of bulls.

Mokopane: dr. Henk Visser

Screw-worm (B 1)

Free State**Reitz: dr. Murray Smith**

Screw-worm (O 2)

Winburg: drs. Albertyn and Albertyn

Screw-worm (B 3)

Blowflies

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

Mpumalanga**Volksrust: dr. André Visser**

Blowflies (B,O 2)

Limpopo**Mokopane: dr. Henk Visser**

Blowflies (B 1)

Free State**Bothaville: dr. Johan Blaauw**

Blowflies (B,O,C 3)

Clocolan: dr. Marwick and Wasserman

Blowflies (B 3)

Frankfort: dr. Dries Lessing

Blowflies (O 3)

Winburg: drs. Albertyn and Albertyn

Blowflies (B 3)

Eastern Cape**Mtubatuba: dr. Trever Viljoen**

Blowflies (O 2)

Western Cape

Caledon: dr. Ian Herbst

Blowflies (O 3)

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				3	
Species affected				O				O	

North West

Lichtenburg: dr. Nelmarie Kruger-Rall

Nasal bot larvae (O 3)

Western Cape

Vredenburg: dr. Izak Rust

Nasal bot larvae (O 3)

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				3	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	3				2	2		3	1
Species affected	B,O,C				B,O	B,O		B,O	B,O

Mpumalanga

Nelspruit: dr. André Beytell

Midges (B,O,C 3)

Free State

Clocolan: dr. Marwick and Wasserman

Midges (B,O 2)

Villiers: drs. Hattingh and Hauptfleisch

Midges (B,O 2)

Winburg: drs. Albertyn and Albertyn

Midges (B 1)

KwaZulu-Natal

Pongola: dr. Heinz Kohrs

Midges (B 2)

Underberg: drs. Collins, King and Delaney

Midges (B,O 2)

Western Cape

Swellendam: dr. Norman Pearson

Midges (B,O 3)

Northern Cape

Upington: dr. Ian Vorster

Midges (B,O 1) control of midges easier due to lower levels of rivers.

General

Mpumalanga

Nelspruit: dr. André Beytell

With good rainfall and a sub-tropical climate, the Lowveld is a paradise for parasites. Everything that bites and sucks is now present at the detriment of hosts. Farmers often do not realize what effect these parasites have on animals. Stable flies cause immense irritation with the effect that animals stop grazing. Septic wounds and maggots are seen daily. Correct dip choices should be made according to the season.

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		2	1	4	10	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	1		1	1	2	2	3	2	
Species affected	B		B	B	B	B	B	B	

Mpumalanga

Lydenburg: drs. Trümpelmann and Steyn

African red water (B 1)

Limpopo

Modimolle: drs. Huber, Bredell and Barnard

African red water (B 1)

Polokwane: dr. Gavin Watson

African red water (B 1)

North West

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

African red water (B 1)

Free State

Frankfort: dr. Dries Lessing

African red water (B 2)

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

African red water (B 2) A few cases of red water in calves of about 2 months of age. Lots of blue ticks on them.

Viljoenskroon: dr. Johan Kahts

African red water (B 2)

Villiers: drs. Hattingh and Hauptfleisch

African red water (B 1)

KwaZulu-Natal

Camperdown: dr. Anthony van Tonder

African red water (B 1)

Dundee: dr. Jacque Marais

African red water (B 3) Some severe cases of redwater in unadapted animals that have been moved into the area.

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

African red water (B 2)

Mtubatuba: dr. Trever Viljoen

African red water (B 2)

Mtunzini area: dr. Peter Ardington

African red water (B 2)

Newcastle: drs. Rafferty and Oglesby

African red water (B 2) in animals brought in from the Highveld

Pietermaritzburg: dr. Phillip Kretzmann

African red water (B 3) is a yearly problem.

Pietermaritzburg: dr. Rick Mapham

African red water (B 2)

Underberg: drs. Collins, King and Delaney

African red water (B 3)

Vryheid: dr. Gert Theron

African red water (B 2)

Eastern Cape**Adelaide: Steve Cockroft**

African red water (B 2)

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

African red water (B 3)

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

African red water (B 3)

Malmesbury: dr. Otto Kriek

African red water (B 1)

Swellendam: dr. Norman Pearson

African red water (B 2)

Asiatic Red Water (*Babesia bovis*)

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	9	1	1	1	3	10	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	1	2	2	2	2	
Species affected	B	B	B	B	B	B	B	B	

Mpumalanga**Bethal: dr. Hardus Pieters**

Asiatic red water (B 2)

Balfour: dr. Louis van Jaarsveld

Asiatic red water (B 2)

Ermelo: dr. Gert Oosthuizen

Asiatic red water (B 2) outbreak 10 days after movement into new camp.

Lydenburg: drs. Trümpelmann and Steyn

Asiatic red water (B 2) Cattle that were vaccinated 6 months ago with the heartwater blood vaccine and brought into the area, died suddenly due to red water. Few engorged blue ticks were seen.

Middelburg: drs. Fourie and Barkhuizen

Asiatic red water (B 2)

Nelspruit: dr. André Beytell

Asiatic red water (B 1) causes acute mortalities in enzootic unstable herds.

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 1)

Gauteng

Bronkhorstspuit: drs. De Bruin, de Bruin and Rudolph

Asiatic red water (B 2)

Limpopo

Machado: drs. Harris, Klopper and Jacobs

Asiatic red water (B 3)

North West

Ventersdorp: dr. Olaff Marais

Asiatic red water (B 1)

Free State

Frankfort: dr. Dries Lessing

Asiatic red water (B 2)

Memel: dr. Neil Nixon

Asiatic red water (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Asiatic red water (B 1)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Asiatic red water (B 2)

Dundee: dr. Jacque Marais

Asiatic red water (B 2)

Dundee: dr. Tony Grace

Asiatic red water (B 3) We are receiving more and more reports of acute outbreaks of this disease – 2 outbreaks confirmed on brain and blood smears.

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

Asiatic red water (B 3)

Greytown: dr. Mike Caldicott

Asiatic red water (B 1)

Mtubatuba: dr. Trevor Viljoen

Asiatic red water (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Asiatic red water (B 2) yearly problem.

Pongola: dr. Heinz Kohrs

Asiatic red water (B 1) sporadic new outbreaks.

Underberg: drs. Collins, King and Delaney

Asiatic red water (B 3)

Vryheid: dr. Gert Theron

Asiatic red water (B 3)

Eastern Cape

Aliwal North: drs. Troskie and Strauss

Asiatic red water (B 2) cases in Barkley East and Aliwal North where it has not occurred before.

Western Cape

George: drs. Strydom, Truter and Pettifer

Asiatic red water (B 2) is our areas' biggest problem. A large proportion of farmers do not vaccinate their cattle. Those that vaccinate have good results.

Swellendam: dr. Norman Pearson

Asiatic red water (B 2)

Anaplasmosis

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

Mpumalanga

Bethal: dr. Hardus Pieters

Anaplasmosis (B 1)

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Anaplasmosis (B 2)

Onderstepoort : dr. Dawie Blignaut

Anaplasmosis (B 1)

Pretoria: dr. Hanneke Pienaar

Anaplasmosis (B 1)

North West

Christiana: dr. Pieter Nel

Anaplasmosis (B 1)

Free State

Clocolan: dr. Marwick and Wasserman

Anaplasmosis (B 3)

Harrismith: drs. Thirion, Nel and Pretorius

Anaplasmosis (B 2) Numerous cases reported. A lot of samples brought in were decayed and diagnosis could not be confirmed.

Hoopstad: dr. Kobus Pretorius

Anaplasmosis (B 2) Two peaks of outbreaks of anaplasmosis: May to August due to winter stress and again in December due to high blue tick and biting fly numbers.

Viljoenskroon: dr. Johan Kahts

Anaplasmosis (B 2) Outbreak earlier than normal probably due to nutritional stress.

Villiers: drs. Hattingh and Hauptfleisch

Anaplasmosis (B 1)

Wesselsbron: dr. Johan Jacobs

Anaplasmosis (B 1)

Zastron: dr. P.P. Brandt

Anaplasmosis (B 1)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Anaplasmosis (B 1)

Greytown: dr. Mike Caldicott

Anaplasmosis (B 1)

Pietermaritzburg: dr. Phillip Kretzmann

Anaplasmosis (B 2)

Underberg: drs. Collins, King and Delaney

Anaplasmosis (B 2)

Eastern Cape

Alexandria: dr. Johan Olivier

Anaplasmosis (B 2)

Aliwal North: drs. Troskie and Strauss

Anaplasmosis (B 1)

Queenstown: drs. Du Preez, Godley and partners

Anaplasmosis (B 1)

Western Cape

Caledon: dr. Ian Herbst

Anaplasmosis (B 1)

Ceres: dr. Marc Walton

Anaplasmosis (B 2)

Darling: drs. Van der Merwe and Adam

Anaplasmosis (B 2)

George: drs. Strydom, Truter and Pettifer

Anaplasmosis (B 3)

Malmesbury: dr. Otto Kriek

Anaplasmosis (B 2)

Stellenbosch: dr. Alfred Kidd

Anaplasmosis (B 3) spread by biting flies.

Swellendam: dr. Norman Pearson

Anaplasmosis (B 2)

Heartwater

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	2	2	6	4		7	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,O	B,O,C	B,O,C	B,O,C		B,O,C	B,O,C		

Mpumalanga

Lydenburg: drs. Trümpelmann and Steyn

Heartwater (B,O 1)

Middelburg: drs. Fourie and Barkhuizen

Heartwater (B 1) Sporadic heartwater cases occurred outside the traditional areas. The bont tick is a multi-host tick. Even guinea fowl can spread the tick. The bont tick will not establish itself in an unsuitable habitat.

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Heartwater (B 1)

Onderstepoort : dr. Dawie Blignaut

Heartwater (B,O,C 3) More people with small herds of goats in the area – increasing the incidence of disease in goats.

Limpopo

Bela-Bela: drs. Du Toit, Hansen, Bester and Herbst

Heartwater (O 2)

Machado: drs. Harris, Klopper and Jacobs

Heartwater (B,C 3)

Modimolle: drs. Huber, Bredell and Barnard

Heartwater (B 2)

Mokopane: dr. Henk Visser

Heartwater (B 1)

Polokwane: dr. Gavin Watson

Heartwater (B,O,C 2)

Vaalwater: dr. Hampie van Staden

Heartwater (B 1)

North West

Brits: drs. Boshoff and Hahn

Heartwater (B,O,C 3) Only a few clinical cases are treated by vets. Most cases are treated by farmers themselves after telephonic consultation with their veterinarian. Most cases occur where animals are moved from the south to the north of the Magaliesberg. There are also more clinical cases in young animals in the Magalies Moot due to slightly cooler climate. Heartwater ticks disappear in winter.

Leeudoringstad: dr. Ian Jonker

Heartwater (O 2)

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

Heartwater (B 2) fewer cases due to decrease in tick numbers – drought conditions.

Swartruggens: dr. Roselle Hartwigsen

Heartwater (C 1)

KwaZulu-Natal

Camperdown: dr. Anthony van Tonder

Heartwater (B,C 1)

Dundee: dr. Jacque Marais

Heartwater (B 1)

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 (B 2) yearly problem.

Pongola: dr. Heinz Kohrs

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

Vryheid: dr. Gert Theron

Heartwater (B 2)

Eastern Cape**Adelaide: Steve Cockroft**

Heartwater (B,O,C 3)

Alexandria: dr. Johan Olivier

Heartwater (B 3)

Corridor disease

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	3								
Species affected	B								

Mpumalanga**Piet Retief: drs. Niebuhr and Weber**

Corridor disease (B 3) 30 out of 200 cattle died 3 weeks after they had been put in a camp with buffalo.

Sweating sickness

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	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	1	1			
Species affected	B	B		B	B	B			

Mpumalanga**Lydenburg: drs. Trümpelmann and Steyn**

Sweating sickness (B 1)

Gauteng**Onderstepoort : dr. Dawie Blignaut**

Sweating sickness (B 1)

North West**Christiana: dr. Pieter Nel**

Sweating sickness (B 1)

Free State**Wesselsbron: dr. Johan Jacobs**

Sweating sickness (B 1)

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

Sweating sickness (B 1)

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			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		1			2		2	
Species affected	B		B			B		B	

Mpumalanga

Piet Retief: drs. Niebuhr and Weber

Lumpy skin disease (B 3) Many cattle have been affected up to now. A long summer lies ahead and probably many cases are going to be seen in unvaccinated cattle.

Volksrust: dr. André Visser

Lumpy skin disease (B 1)

Limpopo

Vaalwater: dr. Hampie van Staden

Lumpy skin disease (B 1) in a calf.

KwaZulu-Natal

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

Lumpy skin disease (B 1)

Mtubatuba: dr. Trever Viljoen

Lumpy skin disease (B 3)

Pietermaritzburg: dr. Phillip Kretzmann

Lumpy skin disease (B 1)

Pongola: dr. Silke Pfitzer

Lumpy skin disease (B 2)

Pongola: dr. Heinz Kohrs

Lumpy skin disease (B 3) Many cases all over the area –right through the winter!!!

Western Cape

Caledon: dr. Ian Herbst

Lumpy skin disease (B 1)

Darling: drs. Van der Merwe and Adam

Lumpy skin disease (B 2)

Heidelberg: dr. Albert van Zyl

Lumpy skin disease (B 2)

Malmesbury: dr. Otto Kriek

Lumpy skin disease (B 3) Always a threat especially near vleis.

Swellendam: dr. Norman Pearson

Lumpy skin disease (B 3) Single area with multiple animals affected. Some deaths due to disease, many put down to reduce suffering. Farmers reluctant to heed advice to vaccinate during September. Many only vaccinated 3 to 5 years ago.

Wellington: dr. William van Zyl

Lumpy skin disease (B 2)

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					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				

Free State

Villiers: drs. Hattingh and Hauptfleisch

Pseudo Lumpy skin disease (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	1	1			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	2	2			2	2	1	1	
Species affected	B	B			B	B	B	B	

Mpumalanga

Nelspruit: dr. André Beytell

Three day stiff sickness (B 2)

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Three day stiff sickness (B 2)

Free State

Viljoenskroon: dr. Johan Kahts

Three day stiff sickness (B 2)

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen

Three day stiff sickness (B 2)

Pongola: dr. Heinz Kohrs

Three day stiff sickness (B 1)

Eastern Cape

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

Three day stiff sickness (B 1)

Western Cape

Swellendam: dr. Norman Pearson

Three day Stiff sickness (B 1)

Blue tongue

Province	Mpuma-langa	Gauteng	Limpopo	North West	FreeState	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								O	

Western Cape

George: drs. Strydom, Truter and Pettifer

Blue tongue (O 3)

Heidelberg: dr. Albert van Zyl

Blue tongue (O 2)

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									

Nagana

Province	Mpuma-langa	Gauteng	Limpopo	North West	FreeState	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						3			
Species affected						B			

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen

Nagana (B 3)

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Venereal diseases

Trichomonosis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	5	1	1	4	11	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	2	3	3	2	2		
Species affected	B	B	B	B	B	B	B		

Mpumalanga

Bethal: dr. Hardus Pieters

Trichomonosis (B 2)

Lydenburg: drs. Trümpelmann and Steyn

Trichomonosis (B 2)

Middelburg: drs. Fourie and Barkhuizen

Trichomonosis (B 3) The last tests before the breeding season still delivers positive bulls. Bulls should preferably be tested a month or two after the breeding season and not a month before the breeding season. With an aggressive scientific approach this disease can be eradicated.

Standerton: dr. Kobie Kroon

Trichomonosis (B 3) widespread.

Volkstrust: dr. André Visser

Trichomonosis (B 2)

Gauteng

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

Limpopo

Polokwane: dr. Gavin Watson
Trichomonosis (B 2)

North West

Christiana: dr. Pieter Nel
Trichomonosis (B 2)

Leeudoringstad: dr. Ian Jonker
Trichomonosis (B 3)

Stella: dr. Magdaleen Vosser
Trichomonosis (B 2)

Vryburg - drs. Labuschagne and de Jager
Trichomonosis (B 3)

Free State

Bethlehem: dr. Henk Basson
Trichomonosis (B 3) still finding new infected herds.

Clocolan: dr. Marwick and Wasserman
Trichomonosis (B 3)

De Wetsdorp: dr. Marike Badenhorst
Trichomonosis (B 3)

Frankfort: dr. Dries Lessing
Trichomonosis (B 3)

Harrismith: drs. Thirion, Nel and Pretorius
Trichomonosis (B 2)

Hoopstad: dr. Kobus Pretorius
Trichomonosis (B 3) found new herds positive.

Kroonstad: drs. Daffue, Eksteen, Van Zyl and Van der Walt
Trichomonosis (B 3) Biosecurity is very important. Bulls bought should be isolated and tested before the breeding season. Bulls are moved around due to lack of grazing and may infect adjacent susceptible herds.

Ladybrand: drs. Van Hasselt and De Vos
Trichomonosis (B 1) bulls that tested positive were slaughtered

Reitz: dr. Murray Smith
Trichomonosis (B 3) During November many cases are diagnosed most probably due to testing bulls before the breeding season commences in December.

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

Winburg: drs. Albertyn and Albertyn
Trichomonosis (B 3)

KwaZulu-Natal

Dundee: dr. Jacque Marais
Trichomonosis (B 2) Bulls that previously tested negative after the breeding season in March are now testing positive.

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

Trichomonosis (B 1)

Newcastle: drs. Rafferty and Oglesby

Trichomonosis (B 2)

Underberg: drs. Collins, King and Delaney

Trichomonosis (B 2)

Eastern Cape

Aliwal North: drs. Troskie and Strauss

Trichomonosis (B 2)

Vibriosis

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

North West

Leeudoringstad: dr. Ian Jonker

Vibriosis (B 3)

Free State

Clocolan: dr. Marwick and Wasserman

Vibriosis (B 3)

De Wetsdorp: dr. Marike Badenhorst

Vibriosis (B 3)

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

Vibriosis (B 3)

Ladybrand: drs. Van Hasselt and De Vos

Vibriosis (B 1)

Villiers: drs. Hattingh and Hauptfleisch

Vibriosis (B 1)

Winburg: drs. Albertyn and Albertyn

Vibriosis (B 3)

Zastron: dr. Philip Brandt

Vibriosis (B 1)

KwaZulu-Natal

Underberg: drs. Collins, King and Delaney

Vibriosis (B 2)

Peestersiekte / Pizzle disease

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								0	

Western Cape

Beaufort West: drs. Pienaar and Grobler
Pizzle disease (O 2)

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	3	1	2		8	5	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	2	1		2	1	2	1	
Species affected	B,O	B	B		B	B	B,C	B,O	

Mpumalanga

Bethal: dr. Hardus Pieters

Blackquarter (B 1)

Lydenburg: drs. Trümpelmann and Steyn

Blackquarter (B 1) negligence of farmers to vaccinate their cattle.

Swelled head (B 1)

Piet Retief: drs. Weber and Niebuhr

Swelled head (B,O 1)

Gauteng

Bronkhorstspuit: drs. De Bruin, de Bruin and Rudolph

Blackquarter (B 1)

Swelled head (B 2)

Limpopo

Mokopane: dr. Henk Visser

Blackquarter (B 1)

Polokwane: dr. Gavin Watson

Blackquarter (B 1)

Free State

Bethlehem: dr. Henk Basson

Blackquarter (B 3) 21 unvaccinated calves died due to *Clostridium chauvoei* infection.

Gasgangrene (B 2) Two Friesian calves died due to *Clostridium septicum* infection.

Bothaville: dr. Johan Blaauw

Blackquarter (B 2)

Harrismith: drs. Thirion, Nel and Pretorius

Blackquarter (B 1)
Memel: dr. Neil Nixon
Blackquarter (B 2)
Reitz: dr. Murray Smith
Blackquarter (B 2)
Viljoenskroon: dr. Johan Kahts
Blackquarter (B 2)
Villiers: drs. Hattingh and Hauptfleisch
Blackquarter (B 2)
Winburg: drs. Albertyn and Albertyn
Blackquarter (B 1)

KwaZulu-Natal

Bergville: dr. Ariena Shepherd
Blackquarter (B 1)
Estcourt: drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar
Blackquarter (B 2)
Mtubatuba: dr. Trever Viljoen
Blackquarter (B 1)
Newcastle: drs. Rafferty and Oglesby
Blackquarter (B 1)
Swelled head (B 1)
Vryheid: dr. Gert Theron
Blackquarter (B 2) <i>Clostridium septicum</i> and <i>C. chauvoei</i>

Eastern Cape

Adelaide: Steve Cockroft
Blackquarter (B 2) in replacement heifers. <i>Clostridium novyi</i> type A (B 2) "harslagsponsiekte"
Graaff-Reinet: dr. Roland Larson
Swelled head (C 1)

Western Cape

Beaufort West: drs. Pienaar and Grobler
Blackquarter (B 1) Acute death caused by blackquarter (<i>Clostridium chauvoei</i>) in a beef animal grazing common reed ("fluitjiesriet"). History is that 4 animals had died recently. Diagnosis confirmed with FAT smears. The possibility is that the reeds damaged the rumen and that bacteria entered the body. The small intestine had a severe haemorrhagic diarrhoea and <i>C. perfringens</i> (possibly type A) was cultured.
Caledon: dr. Ian Herbst
Swelled head (O 1)

Pulpy Kidney

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

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Pulpy kidney (O 1)
Ermelo: dr. Gert Oosthuizen
 Pulpy kidney (O 2)
Nelspruit: dr. André Beytell
 Pulpy kidney (O 2)
Volksrust: dr. André Visser
 Pulpy kidney (C 1)

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph
 Pulpy kidney (O,C 3)

North West

Christiana: dr. Pieter Nel
 Pulpy kidney (O 1)
Ventersdorp: dr. Olaff Marais
 Pulpy kidney (O 1)

Free State

Bethlehem: dr. Henk Basson
 Pulpy kidney (O 3) new growth of grass triggering the disease.
Reitz: dr. Murray Smith
 Pulpy kidney (O 2)
Villiers: drs. Hattingh and Hauptfleisch
 Pulpy kidney (O 1)
Winburg: drs. Albertyn and Albertyn
 Pulpy kidney (O 1)

KwaZulu-Natal

Bergville: dr. Ariena Shepherd
 Pulpy kidney (O 1)

Eastern Cape

Aliwal North: drs. Troskie and Strauss
 Pulpy kidney (O 2)
Graaff-Reinet: dr. Roland Larson
 Pulpy kidney (O 2) Predisposing factors are green grass and unvaccinated sheep.

Western Cape

Swellendam: dr. Norman Pearson
 Pulpy kidney (O 2)

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

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Red gut (B 3) due to increased starch supplementation.

Lydenburg: drs. Trümpelmann and Steyn

Red gut (B 1)

Limpopo

Bela-Bela: drs. Du Toit, Hansen, Bester and Herbst

Red gut (B 1)

North West

Leeudoringstad: dr. Ian Jonker

Blood gut (O 3) due to *Clostridium perfringens* Type A in feedlots.

Free State

Bothaville: dr. Johan Blaauw

Red gut (B 3)

Frankfort: dr. Dries Lessing

Red gut (B 2)

Reitz: dr. Murray Smith

Red gut (B 1)

Blood gut (O 1)

Villiers: drs. Hattingh and Hauptfleisch

Red gut (B 2)

Blood gut (O 2)

KwaZulu-Natal

Underberg: drs. Collins, King and Delaney

Red gut (B 2)

Eastern Cape

Adelaide: Steve Cockroft

Red gut (C 2) in kids after treatment of tapeworms.

Alexandria: dr. Johan Olivier

Red gut (B 2)

Aliwal North: drs. Troskie and Strauss

Blood gut (O 2)

Graaff-Reinet: dr. Roland Larson

Blood gut (O 1)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Red gut (B 1)

Tetanus

Province	Mpuma	Gauteng	Limpopo	North	Free	KwaZulu	Eastern	Western	Northern
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	-langa			West	State	Natal	Cape	Cape	Cape
Vets reporting this disease				1	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	1	1			
Species affected				O	O	O,C			

North West

Christiana: dr. Pieter Nel

Tetanus (O 1)

Free State

Reitz: dr. Murray Smith

Tetanus (O 1)

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen

Tetanus (C 1)

Newcastle: drs. Rafferty and Oglesby

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				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
Species affected				B	B				B,O

North West

Christiana: dr. Pieter Nel

Botulism (B 1)

Free State

Winburg: drs. Albertyn and Albertyn

Botulism (B 1)

Zastron: dr. Philip Brandt

Botulism (B 1)

Northern Cape

Kathu: dr. Jan Vorster

Botulism (B 2) Owner did not vaccinate his animals against botulism.

Upington: dr. Ian Vorster

Botulism (B,O 3) Many farmers do not vaccinate their animals and only start vaccinating when an outbreak occurs. In many cases too late.

Brucellosis (*Brucella abortus*)

Province	Mpuma -langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	2			2	8	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	3	1		1	
Species affected	B			B	B	B		B	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Brucellosis (B 3)

Standerton: drs. Kobie Kroon

Brucellosis (B 3)

North West

Lichtenburg: dr. Nelmarie Kruger-Rall

Brucellosis (B 3)

Stella: dr. Magdaleen Vosser

Brucellosis (B 3)

Free State

Bothaville: dr. Johan Blaauw

Brucellosis (B 3) Seven out of 480 animals in a beef cattle herd tested positive for brucellosis. Tests were done after a heifer aborted.

Frankfort: dr. Dries Lessing

Brucellosis (B 3)

Hoopstad: dr. Kobus Pretorius

Brucellose (B 3)

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

Brucellosis (B 3) In previous negative herds animals testing positive. Unavailability of Strain 19 vaccine is a big problem.

Ladybrand: drs. Van Hasselt and De Vos

Brucellosis (B 2) cows were not vaccinated.

Reitz: dr. Murray Smith

Brucellosis (B 2)

Viljoenskroon: dr. Johan Kahts

Brucellosis (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Brucellosis (B 3)

KwaZulu-Natal

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

Brucellosis (B 1)

Western Cape

Stellenbosch: dr. Alfred Kidd

Brucellosis (B 1)

Johnes disease

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								O	

Western Cape

Swellendam: dr. Norman Pearson

Johnes disease (O 1)

Ram disease (*Brucella ovis*)

Province	Mpuma	Gauteng	Limpopo	North	Free	KwaZulu	Eastern	Western	Northern
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	-langa			West	State	Natal	Cape	Cape	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								3	
Species affected								O	

Western Cape

Beaufort-West: drs. Pienaar and Grobler

Ram disease (O 3) Numerous severe infections were found during clinical examinations and confirmed with serology.

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	3			1	4	3	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	2	2	2	2	
Species affected	B			B	B,O	B	B,O	B	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

E. coli (B 3)

Lydenburg: drs. Trümpelmann and Steyn

E. coli (B 1) predisposing factor is wet conditions and dams were not vaccinated.

Volksrust: dr. André Visser

E. coli (B 2)

North West

Brits: drs. Boshoff and Hahn

E. coli (B 1)

Free State

Clocolan: dr. Marwick and Wasserman

E. coli (B 3)

Hoopstad: dr. Kobus Pretorius

E. coli (B 3) small outbreaks in beef calves.

Memel: dr. Neil Nixon

E. coli (O 1)

Winburg: drs. Albertyn and Albertyn

E. coli (B 2)

KwaZulu-Natal

Pietermaritzburg: dr. Phillip Kretzmann

E. coli (B 2)

Pietermaritzburg: dr. Rick Mapham

E. coli (B 2)

Underberg: drs. Collins, King and Delaney

E.coli (B 2)

Eastern Cape

Graaff-Reinet: dr. Roland Larson

E.coli (O 2)

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

E.coli (B 2)

Western Cape

Swellendam: dr. Norman Pearson

E.coli (B 2)

Salmonellosis

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				3	2			
Species affected	B				B	B			

Mpumalanga

Lydenburg: drs. Trümpelmann and Steyn

Salmonellosis (B 1)

Volksrust: dr. André Visser

Salmonellosis (B 2)

Free State

Viljoenskroon: dr. Johan Kahts

Salmonellosis (B 3)

KwaZulu-Natal

Camperdown: dr. Anthony van Tonder

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									
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									

Lumpy wool (*Dermatophilus*)

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,C,E						O		

Mpumalanga

Nelspruit: dr. André Beytell

Dermatophilosis (B,C, E 1) Senkobo disease is seen due to continuous soft rain which softens the skin and predisposes to dermatophilosis.

Eastern Cape

Aliwal North: drs. Troskie and Strauss

Lumpy wool (O 1)

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									

Other Bacterial infections

Western Cape

Darling: drs. Van der Merwe and Adam

Listeria monocytogenes (B 1)

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			2	3	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			2	1	3	1	1		
Species affected			B	B	B	B	B		

Limpopo

Mokopane: dr. Henk Visser

BMC (B 2) In both cases blue wildebeest were moved out of a camp and replaced with cattle. These outbreaks occurred in the same week with the farms 50 km apart. The weather patterns were the same and it is again suggested that an insect vector is responsible for transmission of the virus. In both cases 3 to 5 animals died.

Vaalwater: dr. Hampie van Staden

BMC (B 1) confirmed wildebeest associated BMC.

North West

Brits: drs. Boshoff and Hahn

BMC (B 1)

Christiana: dr. Pieter Nel

BMC (B 2) Up to 2 months after cattle had been removed from a camp adjacent to a game farm with blue wildebeest, cattle were still dying of snotsiekte. Cattle tested positive for wildebeest associated BMC.

Stella: Magdaleen Vosser

BMC (B 1)

Free State

Hoopstad: dr. Kobus Pretorius

BMC (B 3) Wildebeest associated snotsiekte. Farmer lost one animal and his neighbour 10 animals.

KwaZulu-Natal**Mtunzini area: dr. Peter Ardington**

BMC (B 1)

Eastern Cape**Queenstown: drs. Du Preez, Godley and partners**

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									
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									

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		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			
Species affected			B	B		B			

Limpopo**Polokwane: dr. Gavin Watson**

IBR (B 1)

North West**Christiana: dr. Pieter Nel**

IBR (B 1)

KwaZulu-Natal**Pietermaritzburg: dr. Phillip Kretzmann**

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	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								

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Corona virus (B 3) causing diarrhoea in 3 to 4 month old calves.

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				2		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				2		2	2	3	
Species affected				B		B	B	B	

North West

Christiana: dr. Pieter Nel

EBL (B 3) At a dairy where cows are intermittently diseased, cattle were tested for EBL. Nine out of 11 cattle tested positive for EBL.

Stella: Magdaleen Vosser

EBL (B 1)

KwaZulu-Natal

Underberg: drs. Collins, King and Delaney

EBL (B 2)

Eastern Cape

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

EBL (B 2)

Western Cape

Malmesbury: dr. Otto Kriek

EBL (B 3) 8 out of 10 animals tested were positive. This is at least one of 3 farms tested showing such a high prevalence.

Warts & Orf

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	4	3	2	3	4	5	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	1	2	2	2	2	2	
Species affected	B,O	B,O,C	B,O	B,O	B,O	B	B	B,C	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Orf (O 2)

Lydenburg: drs. Trümpelmann and Steyn

Orf (O 2)

Standerton: drs. Kobie Kroon

Warts (B 2)

Volksrust: dr. André Visser

Warts (B 1)

Gauteng

Onderstepoort : dr. Dawie Blignaut

Orf (C 1)

Pretoria: dr. Hanneke Pienaar

Warts (B 1)

Orf (O 2)

Limpopo

Modimolle: drs. Huber, Bredell and Barnard

Orf (O 1)

Mokopane: dr. Henk Visser

Warts (B 1)

North West

Brits: drs. Boshoff and Hahn

Warts (B 2)

Christiana: dr. Pieter Nel

Orf (O 2)

Lichtenburg: dr. Nelmarie Kruger-Rall

Warts (B 3)

Free State

Harrismith: drs. Thirion, Nel and Pretorius

Warts (B 1)

Memel: dr. Neil Nixon

Warts (B 2)

Reitz: dr. Murray Smith

Warts (B 1)

Viljoenskroon: dr. Johan Kahts

Orf (O 2)

KwaZulu-Natal

Greytown: dr. Mike Caldicott

Warts (B 1)

Orf (C 1)

Mtubatuba: dr. Trever Viljoen

Warts (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Warts (B 2)

Pongola: dr. Heinz Kohrs

Warts (B 1)

Underberg: drs. Collins, King and Delaney

Warts (B 2)

Eastern Cape

Graaff-Reinet: dr. Roland Larson

Warts (B 2) in the Graaff-Reinet and Middelburg areas.

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

Warts (B 1)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Orf (C 1)

Malmesbury: dr. Otto Kriek

Warts (B 1)

Swellendam: dr. Norman Pearson

Orf (C 3)

Rabies

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			Meerkat		

NorthWest

Lichtenburg: dr. Nelmarie Kruger-Rall

Rabies (B 1)

Eastern Cape

Graaff-Reinet: dr. Roland Larson

Rabies (Meerkat 1) Farmers should have their dogs vaccinated against rabies.

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		1		2	3	3	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		1		2	2	2	2	2	
Species affected		O		B	B	B	B	B	

Gauteng

Pretoria: dr. Hanneke Pienaar

Ringworm (O 1)

North West

Christiana: dr. Pieter Nel

Ringworm (B 1)

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

Ringworm (B 3) spreading in feedlots due to close contact.

Free State

Frankfort: dr. Dries Lessing

Ringworm (B 3)

Harrismith: drs. Thirion, Nel and Pretorius

Ringworm (B 1)

Winburg: drs. Albertyn and Albertyn

Ringworm (B 2)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Ringworm (B 1)

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

Ringworm (B 2)

Mtubatuba: dr. Trever Viljoen

Ringworm (B 2)

Eastern Cape

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

Ringworm (B 2)

Queenstown: drs. Du Preez, Godley and partners

Ringworm (B 1)

Western Cape

Ceres: dr. Marc Walton

Ringworm (B 1)

Stellenbosch: dr. Alfred Kidd

Ringworm (B 1)

Swellendam: dr. Norman Pearson

Ringworm (B 3)

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	1	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	1		
Species affected	O	B,O,C				B,O	B,O		

Mpumalanga

Lydenburg: drs. Trümpelmann and Steyn

Coccidiosis (O 1)

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Coccidiosis (B 2)

Onderstepoort : dr. Dawie Blignaut

Coccidiosis (C 2)

Pretoria: dr. Hanneke Pienaar
Coccidiosis (O 2)

KwaZulu-Natal

Dundee: dr. Tony Grace
Coccidiosis (O 3)

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

Pietermaritzburg: dr. Phillip Kretzmann
Coccidiosis (O 1)

Eastern Cape

Alexandria: dr. Johan Olivier
Coccidiosis (B 1)

Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé
Coccidiosis (O 2, 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	1		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		1	1		2	2	3	3	
Species affected		O	B		B	B,O	B,O	B,O,E	

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph
Urea poisoning (O 1)

Limpopo

Polokwane: dr. Gavin Watson
Urea poisoning (B 1)

Free State

Winburg: drs. Albertyn and Albertyn
Urea poisoning (B 2)

Zastron: dr. Philip Brandt
Urea poisoning (B 1)

KwaZulu-Natal

Dundee: dr. Tony Grace

Urea poisoning (O 1)

Vryheid: dr. Gert Theron

Urea poisoning (B 2) 6 cattle died due to wrong feed delivered to the farm.

Eastern Cape**Graaff-Reinet: dr. Roland Larson**

Urea poisoning (B,O 3) One of our colleagues lost cattle to a value of R400 000 due to urea poisoning.

Western Cape**Beaufort West: drs. Pienaar and Grobler**

Urea poisoning (B,O,E 3) Investigation is still being done to establish the source of the poisoning where 150 sheep, 16 cattle, and 9 horses died acutely after eating a commercial lick. All animals died around one of three water troughs.

Copper poisoning (O 3) In the Loxton area numerous sheep died during shearing. Typical post mortem as well as high liver copper values.**Tulip 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			
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			
Species affected	B				B	B			

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

Tulip poisoning (B 1) one outbreak in 8 to 10 month old calves.

Free State**Harrismith: drs. Thirion, Nel and Pretorius**

Tulip poisoning (B 2) Many cases of tulip poisoning in young cattle. Expected more cases in early spring since tulip began growing in August. Cattle reacted well on charcoal treatment.

Hoopstad: dr. Kobus Pretorius

Tulip poisoning (B 2) cattle brought into the area.

KwaZulu-Natal**Underberg: drs. Collins, King and Delaney**

Tulip poisoning (B 2)

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			
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			
Species affected		B				B			

Gauteng**Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph***Lantana poisoning* (B 1)

KwaZulu-Natal

Mtunzini area: dr. Peter Ardington

Lantana poisoning (B 3) *Lantana* has been spreading rapidly over the past few years in warmer wetter regions of Northern KZN especially near the coast. In tribal areas there is much ignorance and one sometimes sees it used as a Zulu kraal hedging plant. Most cases are treated late and die. I approached local Amakhosi to spread awareness. The situation can be rescued quite cost effectively now with slash and stump painting but will escalate in the next few years to an enormous problem. Dept of Agriculture intervention with a campaign is urgently required. Please forward this info to KZN Director at Allerton. Originally it was seen in late winter and early spring when grass was still dry but is now being seen well into the summer.

Gifblaar poisoning

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					

North West

Brits: drs. Boshoff and Hahn

Gifblaar (B 2)

Swartruggens: dr. Roselle Hartwigen

Gifblaar (B 2)

Gousiekte poisoning

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		3							
Species affected		B							

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Gousiekte (B 3) Due to shortage of grazing a month ago we now have numerous deaths due to "Gousiekte". Too many cattle on too little grazing and also trying to avoid Gifblaar poisoning. Cattle are kept only on Gifblaar free camps but unfortunately the camps are infested with *Fadogia monticola*.

Senecio 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		
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		
Species affected			B			O	B		

Limpopo

Vaalwater: dr. Hampie van Staden

Senecio (B 1) confirmed case in a cow.

KwaZulu-Natal

Vryheid: dr. Gert Theron

Senecio poisoning (O 2) 2 sheep died.

Eastern Cape

Adelaide: Steve Cockroft

Senecio poisoning (B 3) Cattle brought in from Molteno do not know the plant and conditions were dry. 15 to 20 cattle died.

Queenstown: drs. Du Preez, Godley and partners

Senecio poisoning (B 3) chronic poisoning due to late rains.

Slangkop (*Urginea sanguinea*) poisoning

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				3	2				2
Species affected				B	B				B

North West

Stella: Magdaleen Vosser

Slangkop (B 3)

Vryburg - drs. Labuschagne and de Jager

Due to the severe drought conditions animals eat anything that is green such as slangkop.

Free State

Hoopstad: dr. Kobus Pretorius

Slangkop (B 2) Cattle brought into the area.

Northern Cape

Kathu: dr. Jan Vorster

Slangkop poisoning (B 2) the only green material left.

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			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				
Species affected		B			B				

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Cestrum poisoning (B 1)

Free State

Bothaville: dr. Johan Blaauw

Ink berry poisoning (B 2) 5 cows died, two other animals were affected but recovered. Diagnosis confirmed with histopathology.

Clocolan: dr. Marwick and Wasserman
Ink berry poisoning (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			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		2			2	
Species affected			B		O			O	

Limpopo

Mokopane: dr. Henk Visser
Prussic acid poisoning (B 1)

Free State

Bothaville: dr. Johan Blaauw
Prussic acid poisoning (O 2)

Eastern Cape

Queenstown: drs. Du Preez, Godley and partners
Prussic acid poisoning (O 2)

Western Cape

Darling: drs. Van der Merwe and Adam
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								2	
Species affected								O	

Western Cape

Caledon: dr. Ian Herbst
Acidosis (O 2)

Other poisonings

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph
Bobbejaantou (B2) lost 6 cows, downers and deaths.

Onderstepoort: dr. Dawie Blignaut
Salt poisoning

North West

Christiana: dr. Pieter Nel
Organophosphate poisoning (O 2) Terbiophos (OPO₄) Farmer loses sheep every now and then when he is not on the farm. Rumenal contents of 2 sheep positive for terbiophos. His vicious dog had also been poisoned.

Organochlorine poisoning (B 3) Endosulfan. Farmer lost 16 cattle due to a suspected malicious act. Cattle developed nervous signs and died acutely. Rumen content positive for endosulfan. Activated charcoal helped where intake of endosulfan was low.

Free State

Bothaville: dr. Johan Blaauw

Photosensitivity (C 2) Five Saanen goats showed signs of photosensitivity. Three died and 2 recovered after treatment.

KwaZulu-Natal

Bergville: dr. Ariena Shepherd

Fog fever (B 2) Fog fever is a misnomer, since neither is it caused by fog, nor do sufferers have a high temperature. The scientific name is **Acute Bovine Pulmonary Edema** (ABPE). The condition occurs in hungry, typically adult cattle, having been fed on dried feed indoors, and then moved to **foggage pasture** (fast growing, lush pasture, with high protein levels). The cattle graze on the new feed, clinical signs begin within 1 to 14 days and death often follows within 2 to 4 days after that. The condition can affect up to 50% of the herd, and around 30% of affected cattle may die as a result. A similar condition has been reported on a wide variety of grasses, alfalfa, rape, kale, and turnip tops. (Wikipedia - http://en.wikipedia.org/wiki/Fog_fever)

Dundee: dr. Tony Grace

Suspected mineral toxicity (B 2) 4 weaner Brahman cattle in a group of about 200, died acutely 2-3 days after being overdosed with a multi-mineral injection. The average weight of the cattle was approx. 170-240kg. They were given 6ml each and this equates to 2.5 – 3 x overdose. The body condition score was suboptimal and concomitant oral drench and immunisation with the stress of bad weather seemed to also play a role. We are awaiting histopath and toxicology confirmation.

Newcastle: drs. Rafferty and Oglesby

Mycrocystis toxica poisoning (B 3) Never seen here before – long weaners drank from contaminated dam water and 34 died

Underberg: drs. Collins, King and Delaney

Very suspicious *Poa* (Cyanide like) poisoning (B 1)

Eastern Cape

Adelaide: Steve Cockroft

Ganskweek poisoning (B 2) in heifers.

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

Cardiotoxic plant (B 3)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Ornithogalum (krulblaartulp) poisoning (O,C 3) With the first spring rains in the Koup area (Leeu Gamka, Merweville, Prins Albert) the beautiful yellow flowers of the “granaatbos” is seen but at the same time *Ornithogalum* cause outspoken krimpsiekte signs when eaten by smallstock.

Rye grass toxicity (B 3) 13 fatalities and 20 affected by annular rye grass toxicity on a farm with pure rye grass pastures. Always seem to be north facing farms.

This farmer affected for the first time after 5 years farming in the Breede river valley. Response to magnesium sulphate intra-venously was extremely poor. Haven't seen an outbreak here for at least 6 years..

Copper toxicity (O) An outbreak of unexplained deaths in Ceres, suspect copper toxicity.

Heidelberg: dr. Albert van Zyl
 Photosensitization (O 2)

Conditions caused by more than one organism or disease causing factor

Abortions and stillborn calves

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	2	1	1		2	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	1	1	1		2	2	11	2	
Species affected	B	C	B,O		B,O	B	B,C	B	

Mpumalanga

Bethal: dr. Hardus Pieters

Abortion (B 1)

Lydenburg: drs. Trümpelmann and Steyn

Abortion (B 1)

Gauteng

Bronkhorstspuit: drs. De Bruin, de Bruin and Rudolph

Abortions (C 1)

Limpopo

Polokwane: dr. Gavin Watson

Abortion (B,O 1)

Free State

Villiers: drs. Hattingh and Hauptfleisch

Abortions (B,O 2)

Winburg: drs. Albertyn and Albertyn

Abortions (B 2)

KwaZulu-Natal

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

Abortions (B 2)

Newcastle: drs. Rafferty and Oglesby

Abortion (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Abortions (B 2)

Underberg: drs. Collins, King and Delaney

Abortions (B 2)

Eastern Cape

Graaff-Reinet: dr. Roland Larson

Abortions (C 1)

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

Abortions (B 1)

Western Cape

Darling: drs. Van der Merwe and Adam

Abortions (B 2)

Stellenbosch: dr. Alfred Kidd

Abortions (B 2)

Swellendam: dr. Norman Pearson

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	2	3	2	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			2	3	2	2	1	3	3
Species affected			B	B	B,O	B	B	B	B

Limpopo

Polokwane: dr. Gavin Watson

Poor conception (B 2)

North West

Christiana: dr. Pieter Nel

Poor conception (B 3)

Schweizer-Reneke: dr. N.J. Heyns

In most cases the conception percentages were good but there are exceptions with percentage as low as 10%.

Free State

Parys: dr. Johan Wessels

Poor conception (B 3) Poor conception in animals bred during the winter season as condition of animals were marginal in April.

Villiers: drs. Hattingh and Hauptfleisch

Poor conception (B,O 2)

Winburg: drs. Albertyn and Albertyn

Poor conception (B 2)

KwaZulu-Natal

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

Poor conception (B 1)

Underberg: drs. Collins, King and Delaney

Poor conception (B 3)

Eastern Cape

Queenstown: drs. Du Preez, Godley and partners

Poor conception (B 1)

Western Cape

Swellendam: dr. Norman Pearson

Poor conception (B 3)

North West

Upington: dr. Ian Vorster

Poor conception (B 3) Conception figures as low as 42% due to drought conditions. Bulls were taken out of cow herd too soon.

Dystocia

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	5	1	5	8	13	10	4	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	2	2	3	3	2	2	2	2
Species affected	B,O	B	B,O	B,O	B	B	B	B	B

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Dystocia (B,O 1)

Bethal: dr. Hardus Pieters

Dystocias (B 2, O 1)

Ermelo: dr. Gert Oosthuizen

Dystocias (B 2)

Nelspruit: dr. André Beytell

Dystocias (B 2)

Volksrust: dr. André Visser

Dystocia (B 2)

Gauteng

Onderstepoort : dr. Dawie Blignaut

Dystocia (B 2)

Limpopo

Bela-Bela: drs. Du Toit, Hansen, Bester and Herbst

Dystocia (B 2)

Modimolle: drs. Huber, Bredell and Barnard

Dystocia (B 3)

Modimolle: dr. Henk Visser

Dystocia (B 1)

Polokwane: dr. Gavin Watson

Dystocia (B,O 2)

Vaalwater: dr. Hampie van Staden

Dystocia (B 2)

North West

Brits: drs. Boshoff and Hahn

Dystocia (B,O 2) Mainly due to over feeding of heifers in last trimester. Drought worsens the situation.

Christiana: dr. Pieter Nel

Dystocia (B 3)

Leeudoringstad: dr. Ian Jonker

Dystocia (B 3) especially due to poor condition of animals.

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

Dystocia (B 2) cows in poor condition.

Schweizer-Reneke: dr. N.J. Heyns

Dystocia (B 3) in heifers due to large calves. Were given licks due to drought.

Swartruggens: dr. Roselle Hartwigen

Dystocia (B 1)

Ventersdorp: dr. Olaf Marais

Dystocia (B 3)

Vryburg - drs. Labuschagne and de Jager

Dystocia (B 3) due to drought conditions – cows are too weak to deliver the calves and have to be helped.

Free State

Bethlehem: dr. Henk Basson

Dystocia (B 2) too small heifers calving.

Bothaville: dr. Johan Blaauw

Dystocia (B 3)

De Wetsdorp: dr. Marike Badenhorst

Dystocia (B 3)

Frankfort: dr. Dries Lessing

Dystocia (B 3)

Harrismith: drs. Thirion, Nel and Pretorius

Dystocia (B 3) In spite of poor grazing conditions abnormal large calves caused calving problems. Sometimes dystocias were due to narrow pelvises.

Hoopstad: dr. Kobus Pretorius

Dystocia (B 3) Animals in poor condition due to late rains.

Memel: dr. Neil Nixon

Dystocia (B 3)

Parys: dr. Johan Wessels

Dystocia (B 2)

Viljoenskroon: dr. Johan Kahts

Dystocia (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Dystocia (B 2)

Wesselsbron: dr. Johan Jacobs

Dystocia (B 1)

Winburg: drs. Albertyn and Albertyn

Dystocia (B 3)

Zastron: dr. Philip Brandt

Dystocia (B 1)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Dystocia (B 2)

Camperdown: dr. Anthony van Tonder

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)
Mtubatuba: dr. Trever Viljoen
Dystocia (B 2)
Newcastle: drs. Rafferty and Oglesby
Dystocia (B 2) For some unknown reason many more than normal breech dystocias occurred. Cows going down and then needing assistance
Pietermaritzburg: dr. Phillip Kretzmann
Dystocia (B 2)
Underberg: drs. Collins, King and Delaney
Dystocia (B 3)
Vryheid: dr. Gert Theron
Dystocia (B 1)

Eastern Cape

Alexandria: dr. Johan Olivier
Dystocia (B 3) Cross breeding between Boran bulls and Friesian heifers resulted in large calves. Had to induce parturition to help cows.
Aliwal North: drs. Troskie and Strauss
Dystocia (B 1)
Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé
Dystocia (B 3)
Queenstown: drs. Du Preez, Godley and partners
Dystocia (B 2)

Western Cape

Ceres: dr. Marc Walton
Dystocia (B 2)
Darling: drs. Van der Merwe and Adam
Dystocia (B 2)
George: drs. Strydom, Truter and Pettifer
Dystocia (B 2)
Graaff-Reinet: dr. Roland Larson
Dystocia (B 1)
Swellendam: dr. Norman Pearson
Dystocia (B 1)
Vredenburg: dr. Izak Rust
Dystocia (B 2)
Wellington: dr. William van Zyl
Dystocia (B 2)

Northern Cape

Kathu: dr. Jan Vorster
Dystocia (B 2)

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					2	4	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					2	2	2	2	
Species affected					B	B	B	B	

Free State

Parys: dr. Johan Wessels

Metritis (B 2)

Viljoenskroon: dr. Johan Kahts

Metritis (B 2)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Metritis (B 1)

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

Metritis (B 2)

Mtubatuba: dr. Trever Viljoen

Metritis (B 2)

Underberg: drs. Collins, King and Delaney

Metritis (B 3)

Eastern Cape

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

Metritis (B 2)

Western Cape

Caledon: dr. Ian Herbst

Metritis (B 1)

Darling: drs. Van der Merwe and Adam

Metritis (B 3)

George: drs. Strydom, Truter and Pettifer

Metritis (B 2)

Malmesbury: dr. Otto Kriek

Metritis (B 3)

Swellendam: dr. Norman Pearson

Metritis (B 2)

Retained placenta

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	7	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	1		1	3	2	2	1	2	
Species affected	B		B	B	B	B	B	B	

Mpumalanga

Lydenburg: drs. Trümpelmann and Steyn

Retained placenta (B 1)

Limpopo

Modimolle: drs. Huber, Bredell and Barnard

Retained placenta (B 1)

North West

Christiana: dr. Pieter Nel

Retained placenta (B 2)
Leeudoringstad: dr. Ian Jonker
 Retained placenta (B 3)

Free State

Harrismith: drs. Thirion, Nel and Pretorius
 Retained placenta (B 3)
Hoopstad: dr. Kobus Pretorius
 Retained placenta (B 3) due to drought conditions.
Villiers: drs. Hattingh and Hauptfleisch
 Retained placenta (B,O 1)
Wesselsbron: dr. Johan Jacobs
 Retained placenta (B 1)
Winburg: drs. Albertyn and Albertyn
 Retained placenta (B 2)

KwaZulu-Natal

Camperdown: dr. Anthony van Tonder
 Retained afterbirths (B 1)
Dundee: dr. Jacque Marais
 Retained placenta (B 2)
Estcourt: drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar
 Retained afterbirths (B 2)
Mtunzini area: dr. Peter Ardington
 Retained placenta (B 2)
Newcastle: drs. Rafferty and Oglesby
 Retained placenta (B 1)
Pongola: dr. Silke Pfitzer
 Retained placenta (B 1)
Underberg: drs. Collins, King and Delaney
 Retained placenta (B 3)

Eastern Cape

Aliwal North: drs. Troskie and Strauss
 Retained placenta (B 1)
Graaff-Reinet: dr. Roland Larson
 Retained placenta (B 1)

Western Cape

Darling: drs. Van der Merwe and Adam
 Retained placenta (B 2)
George: drs. Strydom, Truter and Pettifer
 Retained placenta (B 2)
Swellendam: dr. Norman Pearson
 Retained placenta (B 1)

Prolapses

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1			2	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	2			3	2	2		2	

Species affected	B,O		B	B,O	B		B	
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Mpumalanga

Bethal: dr. Hardus Pieters

Prolapses – cervix (B 1, O 2)

North West

Schweizer-Reneke: dr. N.J. Heyns

Prolapses (B 2) of the uterus.

Swartruggens: dr. Roselle Hartwigsen

Prolapses (B 3) of the cervix.

Free State

Villiers: drs. Hattingh and Hauptfleisch

Prolapses (B,O 2)

Wesselsbron: dr. Johan Jacobs

Prolaps (B 1) of the uterus.

Zastron: dr. Philip Brandt

Prolaps (B 2) of the uterus. Numerous cases, animals in poor condition and after replacing the uterus, the cow has difficulty in rising.

KwaZulu-Natal

Newcastle: drs. Rafferty and Oglesby

Prolapse (B 2) of the uterus. Poor nutrition playing a role.

Western Cape

Wellington: dr. William van Zyl

Prolapses (B 2) of the uterus.

Navel infections

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

Mpumalanga

Lydenburg: drs. Trümpelmann and Steyn

Navel infections (B 1)

Limpopo

Modimolle: drs. Huber, Bredell and Barnard

Navel infection (B 1)

Polokwane: dr. Gavin Watson

Navel infection (B 1)

North West

Lichtenburg: dr. Nelmarie Kruger-Rall

Navel infection (B 1)

Free State

Memel: dr. Neil Nixon

Navel infection (B 1)

Winburg: drs. Albertyn and Albertyn

Navel infection (B 2)

KwaZulu-Natal

Pietermaritzburg: dr. Phillip Kretzmann

Navel infection (B 2)

Joint-ill/Arthritis

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		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		2
Species affected				B	B	B	O		O

North West

Christiana: dr. Pieter Nel

Arthritis (B 2)

Free State

Memel: dr. Neil Nixon

Joint ill (B 1)

Villiers: drs. Hattingh and Hauptfleisch

Arthritis (B 1)

KwaZulu-Natal

Pietermaritzburg: dr. Phillip Kretzmann

Joint ill (B 1)

Eastern Cape

Graaff-Reinet: dr. Roland Larson

Arthritis (O 1)

Northern Cape

Kathu: dr. Jan Vorster

Arthritis (O 2)

Mastitis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease			1	1	3	6	1	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			3	2	2	3	3	2	
Species affected			B	B	B	B	B	B	

Limpopo

Modimolle: drs. Huber, Bredell and Barnard

Mastitis (B 3)

North West

Christiana: dr. Pieter Nel
Mastitis (B 2)

Free State

Clocolan: dr. Marwick and Wasserman
Mastitis (B 3)

Reitz: dr. Murray Smith
Mastitis (B 2)

Viljoenskroon: dr. Johan Kahts
Mastitis (B 1)

KwaZulu-Natal

Dundee: dr. Jacque Marais
Mastitis (B 3)

Estcourt: drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar
Mastitis (B 3)

Mtubatuba: dr. Trever Viljoen
Mastitis (B 2)

Pietermaritzburg: dr. Phillip Kretzmann
Mastitis (B 2)

Pongola: dr. Heinz Kohrs
Mastitis (B 2) during the calving season lots of mastitis amongst cattle of subsistence farmers.

Underberg: drs. Collins, King and Delaney
Mastitis (B 3)

Eastern Cape

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

Western Cape

Caledon: dr. Ian Herbst
Mastitis (B 1)

Ceres: dr. Marc Walton
Mastitis (B 1)

Darling: drs. Van der Merwe and Adam
Mastitis (B 2)

George: drs. Strydom, Truter and Pettifer
Mastitis (B 3) especially due to wet conditions.

Malmesbury: dr. Otto Kriek
Mastitis (B 3)

Stellenbosch: dr. Alfred Kidd
Mastitis (B 2)

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	1	1		2	4	7	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	1		2	2	2	1	2	
Species affected	B	O		B	B,O	B,O,C	B	B,O	

Mpumalanga

Lydenburg: drs. Trümpelmann and Steyn

Lameness (B 1)

Gauteng

Pretoria: dr. Hanneke Pienaar

Lameness (O 1)

North West

Christiana: dr. Pieter Nel

Lameness (B 3)

Swartruggens: dr. Roselle Hartwigsen

Lameness (B 1)

Free State

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

Lameness (B 2)

Memel: dr. Neil Nixon

Lameness (B 1)

Reitz: dr. Murray Smith

Lameness (B,O 3)

Winburg: drs. Albertyn and Albertyn

Lameness (B 2)

KwaZulu-Natal

Camperdown: dr. Anthony van Tonder

Lameness (B 1) due to femoral nerve paralysis.

Dundee: dr. Jacque Marais

Lameness (B 1)

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

Lameness (B 1)

Mtubatuba: dr. Trever Viljoen

Lameness (B,C 2)

Newcastle: drs. Rafferty and Oglesby

Lameness (C 1)

Pietermaritzburg: dr. Phillip Kretzmann

Lameness (B,O,C 3) muddy conditions playing a big role.

Underberg: drs. Collins, King and Delaney

Lameness (B,O 3)

Eastern Cape

Aliwal North: drs. Troskie and Strauss

Lameness (B 1)

Hind quarter paralysis (O 1)

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

Lameness (B 2)

Queenstown: drs. Du Preez, Godley and partners

Lameness (B 1)

Western Cape

Caledon: dr. Ian Herbst

Foot abscess (O 2)

Ceres: dr. Marc Walton

Foot rot (B 2)

Hoof abscess (B 2)

Darling: drs. Van der Merwe and Adam

Lameness (O 1) due to foot rot.

Lameness (B 2)

George: drs. Strydom, Truter and Pettifer

Lameness (B 3) largely due to wet conditions.

Stellenbosch: dr. Alfred Kidd

Lameness (B 2)

Swellendam: dr. Norman Pearson

Lameness (B,O 2)

Bloat

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		2	
Species affected						B		B	

KwaZulu-Natal

Bergville: dr. Ariena Shepherd

Bloat (B 2)

Camperdown: dr. Anthony van Tonder

Bloat (B 3) Frothy bloat on mixed ryegrass and clover pastures.

Western Cape

Ceres: dr. Marc Walton

Bloat (B 2) - frothy

Diarrhoea

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	8	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	2	2	1	2	2	2	2	3	
Species affected	B	B	B	B	B	B	B	B	

Mpumalanga

Bethal: dr. Hardus Pieters

Diarrhoea (B 1)

Ermelo: dr. Gert Oosthuizen

Diarrhoea (B 3)

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Diarrhoea (B 2) in calves 1 to 2 months old due to coccidiosis.

Onderstepoort : dr. Dawie Blignaut

Diarrhoea (B 2) Haemorrhagic diarrhoea in calves 2-3 months old – non specific cause.

Limpopo

Modimolle: drs. Huber, Bredell and Barnard

Diarrhoea (B 1)

North West

Christiana: dr. Pieter Nel

Diarrhoea (B 2)

Swartruggens: dr. Roselle Hartwigsen

Diarrhoea (B 2)

Ventersdorp: dr. Olaff Marais

Diarrhoea (B 3) in calves due to coccidiosis, *E. coli* and Salmonellosis.

Free State

Bothaville: dr. Johan Blaauw

Diarrhoea (B 1)

Clocolan: dr. Marwick and Wasserman

Diarrhoea (B 3)

Harrismith: drs. Thirion, Nel and Pretorius

Diarrhoea (B 3) Numerous cases of acute bloat and deaths in ± 2 month old calves. Severe infection of the milk stomach (abomasum) and small intestine (enteritis).

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

Diarrhoea (B 3)

Ladybrand: drs. Van Hasselt and De Vos

Diarrhoea (B 2) Calves had a diarrhoea inspite of having been vaccinated with a well known vaccine against diarrhoea.

Reitz: dr. Murray Smith

Diarrhoea (B 3) Severe diarrhoea develops in calves as soon as lush green grass is available and milk production in cows starts to rise. Mortalities occur if calves are not treated early. Calves react well to sulphonamide treatment.

Villiers: drs. Hattingh and Hauptfleisch

Diarrhoea (B 1)

Winburg: drs. Albertyn and Albertyn

Diarrhoea (B 2)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Diarrhoea (B 2)

Dundee: dr. Jacque Marais

Diarrhoea (B 3)

Mtunzini area: dr. Peter Ardington

Diarrhoea (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Diarrhoea (B 3) mud predisposing to diarrhoea.

Pongola: dr. Heinz Kohrs

Diarrhoea (B 1)

Underberg: drs. Collins, King and Delaney

Diarrhoea (B 3)

Vryheid: dr. Gert Theron

Diarrhoea (B 3) in calves, the pathogens not diagnosed.

Eastern Cape

Aliwal North: drs. Troskie and Strauss

Diarrhoea (B 2)

Western Cape

Ceres: dr. Marc Walton

Diarrhoea (B 2) in calves

Darling: drs. Van der Merwe and Adam

Diarrhoea (B 3)

George: drs. Strydom, Truter and Pettifer

Diarrhoea (B 3) very common after good rains. Can largely be prevented through vaccination of cows and calves.

Diarrhoea (B 3) Calves on a very good milk replacer showed signs of diarrhoea and on investigation the problem was narrowed down to the water used for mixing the milk replacer. The Berg river seems to be extremely polluted with human and animal excreta (judging by the coliform and *E.coli* colony forming units (CFUs) in the water tested, as well as other bacteria).

Swellendam: dr. Norman Pearson

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	3	2	4	5	12	8	4	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	3	2	2	2	3	2	2	2	
Species affected	B,O	B,O	B	B,O	B,O	B,O,C	B,O	B	

Mpumalanga

Ermelo: dr. Gert Oosthuizen

Ophthalmia (O 3)

Lydenburg: drs. Trümpelmann and Steyn

Ophthalmia (B,O 2)

Standerton: drs. Kobie Kroon

Ophthalmia (B,O 3) *Mycoplasma* isolated from eyes of sheep.

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Ophthalmia (B,O 3)

Pretoria: dr. Hanneke Pienaar

Ophthalmia (O 2)

Limpopo

Bela-Bela: drs. Du Toit, Hansen, Bester and Herbst

Ophthalmia (B 2)

Machado: drs. Harris, Klopper and Jacobs

Ophthalmia (B 3)

Modimolle: drs. Huber, Bredell and Barnard

Ophthalmia (B 1)

Polokwane: dr. Gavin Watson

Ophthalmia (B 1)

North West

Brits: drs. Boshoff and Hahn

Ophthalmia (B 2)

Christiana: dr. Pieter Nel

Ophthalmia (B,O 3)

Leeudoringstad: dr. Ian Jonker

Ophthalmia (B 2) eye problems on the increase.

Lichtenburg: dr. Nelmarie Rall

Ophthalmia (B 2)

Schweizer-Reneke: dr. N.J. Heyns

Ophthalmia (B 3)

Free State

Bothaville: dr. Alf Lategan

Ophthalmia (B 2, O 1)

Clocolan: dr. Marwick and Wasserman

Ophthalmia (B 3)

Frankfort: dr. Dries Lessing

Ophthalmia (B 2)

Harrismith: drs. Thirion, Nel and Pretorius

Ophthalmia (B 3)

Hoopstad: dr. Kobus Pretorius

Ophthalmia (B,O 3)

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

Ophthalmia (B 3) some cattle became blind due to infection in both eyes. Vaccinate animals against pink eye and administer vitamin ADE.

Memel: dr. Neil Nixon

Ophthalmia (B 3)

Reitz: dr. Murray Smith

Ophthalmia (B,O 3) Ophthalmia cases seem to occur earlier in the season. This is probably due to a high fly burden.

Viljoenskroon: dr. Johan Kahts

Ophthalmia (B,O 3) above average number of affected eyes. Probably due to dust during drought and later due to flies.

Villiers: drs. Hattingh and Hauptfleisch

Ophthalmia (B,O 2)

Wesselsbron: dr. Johan Jacobs

Ophthalmia (B,O 1)

Winburg: drs. Albertyn and Albertyn

Ophthalmia (B 3)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Ophthalmia (B,O 3)

Dundee: dr. Tony Grace

Ophthalmia (B 3)

Mtubatuba: dr. Trever Viljoen

Ophthalmia (B,C 2)

Newcastle: drs. Rafferty and Oglesby

Ophthalmia (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Ophthalmia (B 2)

Pongola: dr. Heinz Kohrs

Ophthalmia (B,C 1)

Underberg: drs. Collins, King and Delaney

Ophthalmia (B,O 3)

Vryheid: dr. Gert Theron

Ophthalmia (B 3)

Eastern Cape**Adelaide: Steve Cockroft**Ophthalmia (B,O 3) Uitpeuloogsiekte due to *Gedoelestia*, blesbuck in camps.**Aliwal North: drs. Troskie and Strauss**

Ophthalmia (B 2)

Graaff-Reinet: dr. Roland Larson

Ophthalmia (C 2) Still remaining a big problem. Dust is an important predisposing factor.

Queenstown: drs. Du Preez, Godley and partners

Ophthalmia (B 1)

Western Cape**Ceres: dr. Marc Walton**

Corneal ulcer (B 1)

Darling: drs. Van der Merwe and Adam

Ophthalmia (B 2)

George: drs. Strydom, Truter and Pettifer

Ophthalmia (B 3) typical occurrence in spring to early summer – no vaccinations given.

Malmesbury: dr. Otto Kriek

Ophthalmia (B 2)

Stellenbosch: dr. Alfred Kidd

Ophthalmia (B 3) keratoconjunctivitis spread by flies.

Swellendam: dr. Norman Pearson

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	2	3	2	2	6	6	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	3	2	1	3	2	2	2	1	
Species affected	B	B,O,C	B,O	B,O	B,O	B,O,C	B,O	B,O	

Mpumalanga**Balfour: dr. Louis van Jaarsveld**Abscesses (B 2) caused by *Trueperella pyogenes*.**Nelspruit: dr. André Beytell**

Abscesses (B 3)

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

Abscesses (C 2)

Onderstepoort : dr. Dawie Blignaut

Abscesses (B 1)

Pretoria: dr. Hanneke Pienaar

Abscesses (O 3)

Limpopo

Modimolle: drs. Huber, Bredell and Barnard

Abscesses (O 1)

Polokwane: dr. Gavin Watson

Abscesses (B 1)

North West

Brits: drs. Boshoff and Hahn

Abscesses (B,O 3) Continuous problems with *Trueperella pyogenes* and *Corynebacterium ovis*.

Christiana: dr. Pieter Nel

Abscesses (B 2)

Free State

Frankfort: dr. Dries Lessing

Abscesses (B 2)

Ladybrand: drs. Van Hasselt and De Vos

Abscesses (B,O 1) in sheep possibly due to numerous bont-legged tick bites. Macrocytic lactones which are only registered for control of blue ticks, were used for tick control.

Memel: dr. Neil Nixon

Abscesses (O 2)

Reitz: dr. Murray Smith

Abscesses (O 2)

Villiers: drs. Hattingh and Hauptfleisch

Abscesses (B 1)

Winburg: drs. Albertyn and Albertyn

Abscesses (B 2)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Abscesses (B 1)

Mtubatuba: dr. Trevor Viljoen

Abscesses (C 2)

Pietermaritzburg: dr. Phillip Kretzmann

Abscesses (B,O 2)

Pongola: dr. Heinz Kohrs

Abscesses (B 1)

Underberg: drs. Collins, King and Delaney

Abscesses (B,O 3)

Vryheid: dr. Gert Theron

Abscesses (B 1)

Eastern Cape

Aliwal North: drs. Troskie and Strauss

Abscesses (B,O 1)

Queenstown: drs. Du Preez, Godley and partners

Abscesses (O 2)

Western Cape

Darling: drs. Van der Merwe and Adam

Abscesses (B 2)

Malmesbury: dr. Otto Kriek

Abscesses (B 1)

Stellenbosch: dr. Alfred Kidd

Abscesses (B 1)

Swellendam: dr. Norman Pearson

Abscesses (B 1)

Wellington: dr. William van Zyl

Abscesses (O 1)

Pneumonia

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	2	1	1	4	7	6	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	1	1	2	2	2	2	3	2	
Species affected	B	O	B,O	B,O	B,O	B,O,C	B,C	B,O	

Mpumalanga

Ermelo: dr. Gert Oosthuizen

Pneumonia (B 1)

Middelburg: drs. Fourie and Barkhuizen

Pneumonia (B 1)

Gauteng

Pretoria: dr. Hanneke Pienaar

Pneumonia (O 1)

Limpopo

Modimolle: drs. Huber, Bredell and Barnard

Pneumonia (B,O 2)

North West

Christiana: dr. Pieter Nel

Pneumonia (B,O 3)

Lichtenburg: dr. Nelmarie Rall

Pneumonia (B 1)

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

Pneumonia (B 2) mainly in calves raised artificially.

Swartruggens: dr. Roselle Hartwigsen

Pneumonia (O 1)

Free State

Bethlehem: dr. Henk Basson

Pneumonia (B 3) large numbers due to fluctuation in temperature.

Frankfort: dr. Dries Lessing

Pneumonia (B 2)
Harrismith: drs. Thirion, Nel and Pretorius
Pneumonia (B 2)
Hoopstad: dr. Kobus Pretorius
Pneumonia (B,O 3) Severe eye problems in feedlots.
Memel: dr. Neil Nixon
Pneumonia (O 2)
Villiers: drs. Hattingh and Hauptfleisch
Pneumonia (O 1)
Winburg: drs. Albertyn and Albertyn
Pneumonia (B 2)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd
Pneumonia (B,O 2)
Camperdown: dr. Anthony van Tonder
Pneumonia (C 1)
Dundee: dr. Jacque Marais
Pneumonia (B 1)
Mtubatuba: dr. Trever Viljoen
Pneumonia (B 2)
Pietermaritzburg: dr. Phillip Kretzmann
Pneumonia (B 2)
Underberg: drs. Collins, King and Delaney
Pneumonia (B,O 3)

Eastern Cape

Adelaide: Steve Cockroft
Pneumonia (C 3) in mohair kids. Farmers do not vaccinate kids.
Humansdorp: drs. Van Niekerk, Jansen van Vuuren, Barker and Kotzé
Pneumonia (B 3)

Western Cape

Darling: drs. Van der Merwe and Adam
Pneumonia (B 2)
George: drs. Strydom, Truter and Pettifer
Pneumonia (B,O 2)

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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	2	1	2	8	6	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	2	3	3	2	2	3
Species affected	B,O,C	B	B	B,O,C	B,O	B,C	B	B,O

Mpumalanga

Bethal: dr. Hardus Pieters

Protein deficiency (B 1, C 1)

Lydenburg: drs. Trümpelmann and Steyn

Protein deficiency (B,O 1)

Gauteng

Onderstepoort: dr. Dawie Blignaut

Protein deficiency (B 2)

Limpopo

Modimolle: drs. Huber, Bredell and Barnard

Protein deficiency (B 3)

Mokopane: dr. Henk Visser

Protein deficiency (B 1)

North West

Brits: drs. Boshoff and Hahn

Protein deficiency (B 3)

Christiana: dr. Pieter Nel

Protein deficiency (B,O,C 3)

Leeudoringstad: dr. Ian Jonker

Protein deficiency (B 3)

Lichtenburg: dr. Nelmarie Kruger-Rall

Protein deficiency (B 3)

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

Protein deficiency (B 3) due to lack of grazing and supply of winter and production licks.

Schweizer-Reneke: dr. N.J. Heyns

Protein deficiency (B 3)

Swartruggens: dr. Roselle Hartwigsen

Protein deficiency (B 3)

Vryburg - drs. Labuschagne and de Jager

Protein deficiency (B 3) due to drought conditions. Cows with calves sold for R4 500.

Free State

De Wetsdorp: dr. Marike Badenhorst

Protein deficiency (B,O 3) due to drought.

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

Protein deficiency (B 2) After good rains the grass is growing but there are still cattle in poor conditions due to the previous drought.

Ladybrand: drs. Van Hasselt and De Vos

Protein deficiency (B 1, O 2)

Memel: dr. Neil Nixon

Protein deficiency (B 3)

Winburg: drs. Albertyn and Albertyn

Protein deficiency (B 3)

Zastron: dr. Philip Brandt

Protein deficiency (B,O 2) a big problem due to drought and due to veld fires destroying grazing in a large area of the district.

KwaZulu-Natal**Estcourt: drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar**

Protein deficiency (B 2)

Greytown: dr. Mike Caldicott

Protein deficiency (B 2)

Underberg: drs. Collins, King and Delaney

Protein deficiency (B,C 2)

Eastern Cape**Alexandria: dr. Johan Olivier**

Protein deficiency (B 2)

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

Protein deficiency (B,O 3) Malnutrition due to drought in the whole Kalahari and as far as Hukuntsi in Botswana – less than 5% of animals have a condition score of 2 or more. Many mortalities in all species. Large areas have no plant material left.

Energy

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

Mpumalanga**Volksrust: dr. André Visser**

Energy deficiency (B 2)

Gauteng**Bronkhorstpruit: drs. De Bruin, De Bruin and Rudolph**

Energy deficiency (B 2)

Gauteng**Onderstepoort: dr. Dawie Blignaut**

Energy deficiency (B 2)

Limpopo**Modimolle: drs. Huber, Bredell and Barnard**

Energy deficiency (B 3)

Mokopane: dr. Henk Visser

Energy deficiency (B 1)

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

Energy deficiency (B 3)

Christiana: dr. Pieter Nel

Energy deficiency (B,O,C 3)

Leeudoringstad: dr. Ian Jonker

Energy deficiency (B 3)

Lichtenburg: dr. Nelmarie Kruger-Rall

Energy deficiency (B 3)

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

Energy deficiency (B 3) due to lack of grazing and supply of winter and production licks.

Schweizer-Reneke: dr. N.J.Heyns

Energy deficiency (B 3)

Swartruggens: dr. Roselle Hartwigsen

Energy deficiency (B 3)

Ventersdorp: dr. Olaf Marais

Energy deficiency (B 3) due to green drought.

Vryburg - drs. Labuschagne and de Jager

Energy deficiency (B 3) due to drought conditions.

Free State

De Wetsdorp: dr. Marike Badenhorst

Energy deficiency (B,O 3) due to drought.

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

Energy deficiency (B 2)

Ladybrand: drs. Van Hasselt and De Vos

Energy deficiency (B,O 2)

Memel: dr. Neil Nixon

Energy deficiency (B 3)

Viljoenskroon: dr. Johan Kahts

Energy deficiency (B,O 3)

Winburg: drs. Albertyn and Albertyn

Energy deficiency (B 3)

Zastron: dr. Philip Brandt

Protein deficiency (B,O 2) a big problem due to drought and due to grazing destroyed by fires in a large area of the district.

KwaZulu-Natal

Dundee: dr. Jacque Marais

Energy deficiency (B 3)

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

Energy deficiency (B 2)

Underberg: drs. Collins, King and Delaney

Energy deficiency (B,C 2)

Western Cape

Darling: drs. Van der Merwe and Adam

Energy deficiency (B 3)

Swellendam: dr. Norman Pearson

Energy deficiency (B 3)

Northern Cape

Kathu: dr. Jan Vorster
Energy deficiency (B,O 3) Drought malnutrition.

Phosphate

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				B		B			

North West

Christiana: dr. Pieter Nel
Phosphate deficiency (B 3)

KwaZulu-Natal

Underberg: drs. Collins, King and Delaney
Phosphate deficiency (B 2)

Calcium

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				2		2	3	1	
Species affected				B		B	B	B	

North West

Christiana: dr. Pieter Nel
Calcium deficiency (B 2)

KwaZulu-Natal

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

Underberg: drs. Collins, King and Delaney
Calcium deficiency (B 3)

Eastern Cape

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

Western Cape

Darling: drs. Van der Merwe and Adam
Calcium deficiency (B 1)

Magnesium

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	2			
Species affected					B	B			

Free State

Wesselsbron: dr. Johan Jacobs

Magnesium deficiency (B 2)

KwaZulu-Natal

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

Magnesium deficiency (B 2)

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	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	1	2		3		1	
Species affected		B	B	B		B,C		O	

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Copper deficiency (B 1)

Limpopo

Mokopane: dr. Henk Visser

Copper deficiency (B 1)

North West

Schweizer-Reneke: dr. N.J. Heyns

Copper deficiency (B 2) some black coloured cattle seen with copper colour.

KwaZulu-Natal

Underberg: drs. Collins, King and Delaney

Copper deficiency (B,C 3)

Vryheid: dr. Gert Theron

Copper deficiency – one herd tested

Western Cape

Caledon: dr. Ian Herbst

Copper deficiency (O 1)

Selenium

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	3	2			3
Species affected				O	B	B,C			O

North West

Christiana: dr. Pieter Nel

Selenium deficiency (O 3)

Free State

Memel: dr. Neil Nixon

Selenium deficiency (B 3)

KwaZulu-Natal

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

Selenium deficiency (B 2)

Underberg: drs. Collins, King and Delaney

Selenium deficiency (B,C 3)

Vryheid: dr. Gert Theron

Selenium deficiency – one herd tested.

North West

Upington: dr. Ian Vorster

Selenium deficiency (O 3) white muscle disease in lambs fed lucern.

Zinc

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		1	
Species affected						B,C		O	

KwaZulu-Natal

Underberg: drs. Collins, King and Delaney

Zinc deficiency (B,C 2)

Western Cape

Caledon: dr. Ian Herbst

Zinc deficiency (O 1)

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									

Other deficiencies

Free State

Bethlehem: dr. Henk Basson

Iron deficiency in a Jersey herd.

Vitamin A

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	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			3	1	3	2		
Species affected	B			B,O	B	B	B		

Mpumalanga

Lydenburg: drs. Trümpelmann and Steyn

Vitamin A deficiency (B 1)

North West

Christiana: dr. Pieter Nel

Vitamin A deficiency (B,O 3)

Free State

Winburg: drs. Albertyn and Albertyn

Vitamin A deficiency (B 1)

KwaZulu-Natal

Underberg: drs. Collins, King and Delaney

Vitamin A deficiency (B 3)

Eastern Cape

Queenstown: drs. Du Preez, Godley and partners

Vitamin A deficiency (B 2)

VitaminB 1 deficiency

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								O	

Western Cape

Caledon: dr. Ian Herbst

Vitamin B1 deficiency (O 1)

Metabolic diseases

Domsiekte (Pregnancy toxaemia)

Western Cape

Caledon: dr. Ian Herbst
Domsiekte (O 1)

Other conditions

Bladder stones

Mpumalanga

Bethal: dr. Hardus Pieters
Bladder stones (ram 2)

Bite wounds

Western Cape

Ceres: dr. Marc Walton
Bite wounds (O 1)

Downer cows

Limpopo

Modimolle: drs. Huber, Bredell and Barnard

Numerous cases of “downer cows” in our area. Multifactorial causes: red water, heartwater, gifblaar and poor condition. Mostly confirmed telephonically with owner. Not enough chance to confirm diagnosis with *post mortems*.

North West

Schweizer-Reneke: dr. N.J. Heyns
Numerous cases of “downer cows”.

KwaZulu-Natal

Newcastle: drs. Rafferty and Oglesby

Due to the later than normal rains the veld grass has been very poor –apart from generalized weakness and going down – a number of animals got stuck in mud going after every bit of green grass and simply never getting up.

Western Cape

Ceres: dr. Marc Walton

Post calving downer cows (B 2)

Entropion (turning in of eyelid)

Western Cape

Ceres: dr. Marc Walton

Entropion (C 1)

Left (LDA) and right displaced abomasum (RDA)

KwaZulu-Natal

Dundee: dr. Jacque Marais

LDA's and RDA's in dairy cattle.

Lightning

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Lightning (B 1)

Malnutrition

Gauteng

Onderstepoort : dr. Dawie Blignaut

Due to late rains in the area many cattle suffer from protein and energy malnutrition.

Limpopo

Modimolle: drs. Huber, Bredell and Barnard

Most animals, especially pregnant animals, still in a poor condition after the winter.

North West

Christiana: dr. Pieter Nel

Severe emaciation and "downer" cattle and game seen. In some areas even camel thorn trees are dying. Cattle receiving supplementary feed are still in reasonable condition. Many animals are not able to rise and mortalities occur. Farmers report kudu and warthog mortalities. Farmers warned that sand impaction can take place as animals will eat a lot of sand with sprouting grass.

Stella: Magdaleen Vosser

No rain fell in November. Daily mortalities. Chicken litter the only food source keeping animals alive.

Free State

Ladybrand: drs. Van Hasselt and De Vos

Drought conditions, poor knowledge of nutrition during drought conditions.

Wesselsbron: dr. Johan Jacobs

Nutritional and mineral deficiencies (B 3) due to poor grazing conditions caused by the drought.

Poor semen

North West

Schweizer-Reneke: dr. N.J. Heyns

Bulls over 2 years tested for fertility. Very poor semen ascribed to drought conditions. In a herd where a single bull was used the pregnancy percentage was 10%.

Urticaria

Western Cape

Ceres: dr. Marc Walton

Urticaria (B 1)

Game

Limpopo

Machado: drs. Harris, Klopper and Jacobs

Snotsiekte in a buffalo

North West

Vryburg - drs. Labuschagne and de Jager

Theileriosis in young roans and sables

Due to drought conditions many problems with calving and nutritional related conditions are seen.

KwaZulu-Natal

Pongola: dr. Silke Pfitzer

Theileriosis (buffalo)

Horses

Limpopo

Mokopane: dr. Henk Visser

Babesiosis (E 1)

North West

Brits: drs. Boshoff and Hahn

Dystocia in horse

Schweizer-Reneke: dr. N.J. Heyns

Two *Babesia* cases in horses which led to death.
A number of horses are underfed due to drought conditions.

Free State

Bethlehem: dr. Henk Basson

Herpes 4 infection in a mare causing the mare to abort.
Fertility disorders in mares. Mares do not come on heat. No dominant follicles formed.
Suspected that unsettling weather conditions play a role.

KwaZulu-Natal

Camperdown: dr. Anthony van Tonder

Impaction colic (E 1)

Eastern Cape

Graaff-Reinet: dr. Roland Larson

Urea poisoning (E 3)

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Alpaca

Western Cape

Ceres: dr. Marc Walton

Alpaca died of severe pneumonia with polyarthritis and septicemia

Pigs

Gauteng

Bronkhorstspuit: drs. De Bruin, De Bruin and Rudolph

Erysipelas (P 2)

Practices that had nothing to report

North West

Brits: dr. Morne de la Rey (Embryo plus)

Feedlot report

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

Sheep feedlots

Health of sheep had generally been good, especially less cases of pneumonia occurred. After the wet weather more cases of foot rot were seen. A few cases of wireworm in new intake sheep were seen. Sheep with low body weights always have problems with adaptation and health.

Cattle feedlots

Lung damage was caused due to variable weather conditions in the previous months. Predisposing factors were dusty and windy conditions before the first rains fell. Many cases of pleuritis were seen at the abattoirs. Some mortalities occurred in feedlots where dusty conditions were present. In many cases sub-clinical acidosis were present in cattle. Cattle arriving in poor condition was quite common and losses occurred during transport and adaptation.

Laboratory reports

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

Trueperella pyogenes was isolated from 5 cattle with various purulent conditions, one of them being a teat lesion that would not heal.

Mannheimia haemolytica and *Pasteurella multocida* were isolated from cattle with pneumonia, and *M. haemolytica* was also the cause of blue udder in sheep. *Moraxella ovis* was isolated from conjunctivitis in sheep, but this is usually secondary to an underlying *Mycoplasma* infection.

A suspect anthrax case was received in a leaking plastic bag. The inner plastic bag leaked fluid all over the outer plastic bag, which was just an ordinary shopping bag. It was luckily negative for anthrax. If it had been positive, the sender would have been liable for prophylactic treatment of all the couriers and laboratory technicians who had handled the sample. They could also have potentially sued the sender.

Samples for possible zoonoses should always be sent in a leakproof container, such as a proper screwtop sample container, and also enclosed in two further leakproof holders. Absorbent material, such as paper, should be placed, together with the sample, in the first leakproof holder. A sealed plastic bag is acceptable for the two outer containers. There should be enough absorbent material [paper, cotton wool, etc] to soak up all the fluid from the sample, should the container break on the way to the laboratory.

Monthly report by dr J.H.Vorster , Veterinary Pathologist Vetdiagnostix Veterinary Pathology Services Pty Ltd, Pietermaritzburg.

SPECIES	AREA	DIAGNOSIS
Alpaca	Western Cape	Secondary infected hemangioma

Alpaca	Western Cape	<i>Enterococcus faecalis</i>
Bovine	Western Cape	<i>Trueperella pyogenes</i> abscessation
Equine	Western Cape	High Strongylid egg count
Equine	Western Cape	Sepsis: <i>Klebsiella pneumoniae</i> + <i>Streptococcus zooepidemicus</i>
Equine	Western Cape	<i>Streptococcus zooepidemicus</i> isolated
Equine	Western Cape	Salmonellosis
Equine	KZN	AHS
Ovine	Western Cape	Prussic acid poisoning
Ovine	Western Cape	<i>Anagallis arvensis</i> poisoning

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

Disease or problem	Specie affected	Comments
Mastitis, Septicaemia, Trichomonosis, Pneumonia, Blepharitis, Abortion	Bovine	<p><u>Stellenbosch district</u>: <i>Trueperella pyogenes</i> was isolated from a lung sample from a calf.</p> <p><i>Moraxella bovis</i> was isolated from eye swabs from an animal with blepharitis.</p> <p><u>Paarl district</u>: <i>Pasteurella multocida</i> and <i>Trueperella pyogenes</i> were isolated from lung samples from a calf.</p> <p><i>Klebsiella pneumoniae</i> was isolated from the stomach content, lung and spleen of an aborted foetus.</p> <p><u>Malmesbury district</u>: Coagulase-negative Staphylococci were isolated from mastitic milk samples originating from two dairy farms. Three of these isolates were tested for antibiotic resistance and proved to be Oxacillin resistant which means that they are β-lactamase producers, which makes them resistant to all β-lactams and cephalosporins. <i>Staphylococcus aureus</i> was also isolated from some samples from one of the farms.</p> <p><u>Cacadu district</u> (Eastern Cape): A Group I <i>Salmonella</i> was isolated on two occasions from intestine and organ</p>

		samples from calves. <u>Oudtshoorn district:</u> <i>Tritrichomonas foetus</i> was isolated from a sheathwash sample.
Oedema disease, Enteritis	Porcine	<u>Cape town district:</u> Haemolytic <i>E. coli</i> was isolated from piglets from two owners. <u>Malmesbury district:</u> Haemolytic <i>E. coli</i> was isolated from 3 month old piglets.
Umbilical infection, Septicaemia	Equine	<u>Stellenbosch district:</u> <i>Actinobacillus equuli</i> was isolated from lung and liver samples from a week old foal. <i>Streptococcus zooepidemicus</i> was isolated from a peritoneal swab from the same foal.

Disease report November 2013: PathCare Vetlab - Dr. Lucy Lange

Disease condition	Specie	District	Comments
Pneumonia/ <i>Pasteurella</i>	Bovine	Country wide / Namibia	Many cases
Hepatotoxicosis	Bovine	Country wide / Namibia	Many cases
<i>Campylobacter</i>	Bovine	Country wide	Confirmed with PCR
<i>Tritrichomonas</i>	Bovine	Country wide	Confirmed with PCR
Pneumonia	Bovine	Country wide / Namibia	Many cases
Worms	Bovine	Free State	
Enteritis	Bovine	Country wide	Many cases – young calves and adult cattle
Colibacillosis	Bovine	Northern Cape	
Bloat	Bovine	West & Eastern Cape	
Ketosis	Bovine	Northern Cape	
Salmonellosis	Bovine	Western Cape	
Oxalate poisoning	Bovine	Northern Cape	
Septicaemia	Bovine	Country wide	Calves
Blackquarter	Bovine	Eastern Cape	
Cardiomyopathy	Bovine	Country wide	Calves and adult cattle
Hypoproteinemia	Bovine	Country wide	
Polyserosistis	Bovine	Namibia	Adult cattle
Enteritis	Equine	Namibia	
Malignant melanoma	Equine	Western Cape	
Myxofibrosarcoma	Equine	Northern Free State	
Granulosa cell tumour	Equine	Boland	

Sarcoid	Equine	Country wide / Namibia	Many cases
Squamous cell carcinoma	Equine	Boland	
Septicemia	Equine	Western Cape	Foals
Pneumonie	Equine	Boland	
Septisemie	Ovine	Karoo	Lambs
Ketosis/Pregnancy toxemia	Ovine	Boland	
Worms and coccidia	Ovine	Country wide	
Hypoproteinemia	Ovine	West coast/Namibia	
Pneumonia/ <i>Pasteurella</i>	Ovine	Western Cape	
White muscle disease	Ovine	Free State	
Hepatotoxicosis	Ovine	Free State/Western Cape	
Vitamin B1 (CCN)	Ovine	Free State	
Vaginal Squamous cell carcinoma	Ovine	Eastern Cape	
Worms	Caprine	Karoo	
Pulpy kidney	Caprine	Free State	
Bacterial enteritis	Swine	Boland	
Polyserositis	Swine	Boland	
Cardiomyopathy	Swine	Western Cape	
"Capture myopathy"	Impala	Northern Cape	
Cardiomyopathy	Swine	Northern Cape	Numerous cases/possibly vitamin E/Se
Foreign body pneumonia	Lion cub	Free State	
<i>Aspergillus</i> pneumonia	Parrot	Western Cape	

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

Disease condition	Specie
Heartwater	B,O 2
Lumpy skin disease	B 1
Blackquarter	B 1
Brucellosis (B 1)	B 1
Snotsiekte	B 3
Bovine leucosis	B 1
Orf	C 1
Abortions	B,O,G 3
Dystocias	B 2
Metritis	B 1
Mastitis (B 1)	B 1

Pneumonia	B 2
Abscesses	C 2
Protein deficiency	B,G 2