

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

August 2013

Introduction and summary of diseases and other conditions during August 2013

For the month of August 2013, 75 reports were received, as follow:

Internal parasites

Intestinal roundworms: Reports of parasitism in small stock were received. Warm weather during the winter contributed to worm eggs hatching and farmers should be aware of wireworm infestations during spring, especially on irrigated pastures. Regular inspection of the colour of mucous membranes should help farmers to be proactive in preventing losses due to this parasite. Reports of mortalities in sheep due to wireworm were received from the Western Cape in August, which generally is not the case.

Resistance of parasites to anthelmintics were reported. Consult with your veterinarian how to establish which drug groups are still able to control the parasites on your farm.

Liver fluke and conical fluke infestation: Some animals came into contact with the intermediate hosts, water and mud snails, of these parasites during the winter months. As water bodies dry up, these snails concentrate in the remaining water and therefore the plants in the water are heavily infested with meta-cercariae. Be aware of clinical signs such as bottle jaw and diarrhoea.

Tapeworms: Cattle infected with measles were reported. Huge financial losses may occur if infected animals are sent to abattoirs for slaughter. Biosecurity measures should be put in place to prevent animals becoming infected.

Parafilaria: Reports were received of cattle in the bushveld that were infected with this parasite. Cattle sent for slaughter should be treated at least 70 days before slaughter to prevent trimming of lesions at the abattoir.

Coccidiosis: Numerous reports of young animals suffering from coccidiosis were received.

External parasites

Ticks: Blue ticks which transmit diseases such as African and Asiatic red water and anaplasmosis were reported from many areas of the country. A few veterinarians reported the presence of bont and bont-legged ticks. Now is the time to plan your tick control programme and which actives to use for the coming spring and summer season. Remember always to keep enzootic stability against tick borne diseases at the back of your mind. Farmer's should know which acaricidal active groups are still able to control blue ticks on their cattle.

Lice: Numerous reports were received of biting and sucking lice infestations. As many parts of the country is experiencing drought conditions and animals are in poor condition, farmers

should control these parasites.

Flies, midges and mosquitoes: These insects are carriers of diseases such as blue tongue, Rift Valley Fever, Three day Stiff sickness, Wesselsbron and African horse sickness. First reports of insects seen after the winter were received and farmers should vaccinate their animals against these diseases before outbreaks occur.

Tick transmitted diseases

Red water: Cases of African and Asiatic red water were reported from many areas of the country. Farmers should vaccinate their animals against these diseases to prevent losses. Consult with your veterinarian when to vaccinate your animals.

Anaplasmosis: The rickettsia causing this disease is transmitted by blue ticks as well as biting flies and injection needles. Preventative vaccination of animals will prevent losses.

Bacterial diseases

Clostridial diseases: Reports of clostridial diseases i.e. gas gangrene, red and blood gut, pulpy kidney, botulism and tetanus were received. Good vaccines against all these diseases are available. Consult with your veterinarian which products are available and when to administer them.

Other bacterial diseases: Reports of mortalities and diseases caused by *Escherichia coli* and *Salmonella* spp. (diarrhoea), *Mannheimia haemolytica* and *Pasteurella multocida*, *Histophilus somni* (pneumonia), *Coxiella burnetti* (abortions), *Trueperella pyogenes* and *Corynebacterium ovis* (abscesses) were received. Consult your veterinarian on how to diagnose these diseases and how to control them.

Viral diseases

Respiratory diseases: During the winter respiratory diseases were rife. These diseases can be controlled by giving viral vaccines containing antigens such as parainfluenza 3 (PI 3), infectious bovine rhinotracheitis (IBR) virus, bovine viral diarrhoea (BVD) virus and bovine respiratory syncytial virus (BRSV). Plan now with your veterinarian when to administer these vaccines next autumn.

Bovine malignant catarrh (snotsiekte): As there is no preventative vaccine available this disease can only be contained by excellent biosecurity measures and good neighbourliness. Be aware of the fact that there are two types of carriers of this disease i.e. wildebeest and sheep.

Leucosis: Be aware of this disease caused by a virus. As is the case with snotsiekte, there is no vaccine available. Be careful when buying in animals as they may be latent carriers of this disease.

Other viral diseases: The following diseases were also reported: Orf, warts and corona.

Venereal diseases

Trichomonosis, Vibriosis and Brucellosis costing farmers millions of Rand in losses. Strict biosecurity measures should always be in place to prevent these diseases coming onto farms. If these diseases are present on the farm, control programmes should be discussed with your veterinarian.

Poisonings

The following poisonings (toxicosis) were reported

Urea, tulip, *Lantana*, Inkberry, Gifblaar, acidosis (maize overload), alkalosis (lupin overload), bur weed, nitrate and *Cynanchum* (klimop). An over dose of trace minerals were given. It is so important that farmers should read the packet inserts of products, weigh the animals, calibrate the syringes, use sterile needles and instruments and inject animals properly.

Nutrition

Due to winter and drought conditions energy and protein deficiencies were reported from many areas. The following deficiencies were also reported: Calcium, phosphorus, copper, selenium, zinc and vitamin A.

Left and right displaced abomasums occurred due to poor transition rations and dry dairy cow management.

Metabolic diseases

Ketosis, pregnancy toxaemia (domsiekte), milk fever and magnesium staggers were reported.

Other conditions

Huge losses due to veld fires as well as young animals dying as a result of cold weather conditions were reported.

Level of Reporting

The following veterinarians submitted reports for August 2013:

Mpumalanga

Balfour – dr. Louis van Jaarsveld

Bethal – dr. Hardus Pieters

Ermelo – dr. Ben Potgieter

Lydenburg - dr. Gustav Trümpelmann

Middelburg – drs. Fourie and Barkhuizen
Nelspruit – dr. André Beytell
Nelspruit – dr. Derik Venter
Piet Retief - drs. Wolfgang Niebuhr en Dieter Weber
Standerton – dr. Kobie Kroon
Standerton – dr. Frikkie Nel
Volksrust – dr. André Visser

Gauteng

Bronkhorstspuit - Drs. Herman and Elmarie de Bruin and Marguerite Rudolph
Onderstepoort Veterinary Faculty - Academic Hospital: prof. Shakespeare, drs.
Gratwick, Carrington, Blignaut and Harmse
Pretoria – dr. Hanneke Pienaar

Limpopo

Mokopane (Potgietersrus): dr. Henk Visser
Polokwane (Pietersburg) – dr. Gavin Watson
Vaalwater: dr. Hampie van Staden

North West

Christiana - dr. Pieter Nel
Leeudoringstad - dr. Ian Jonker
Lichtenburg – dr. C.M Kruger-Rall
Schweizer-Reneke - dr. N.J. Heyns
Swartruggens – dr. Roselle Hartwigsen
Stella - dr. Magdaleen Vosser - Stella
Ventersdorp – dr. Oloff Marais

Free State

Bethlehem – dr. Henk Basson
Bloemfontein: dr. Stephan Wessels
Bultfontein: dr. Santjie Pieterse
Clocolan – drs Scholtz and Wasserman
Ficksburg: dr. Woody Kotzé
Frankfort - dr. Dries Lessing
Harrismith - drs. Pretorius, Thirion and Nel
Heilbron – dr. Piet van Zyl
Hertzogville: drs. Hendrikz and Naudé
Hoopstad - dr. Kobus Pretorius
Kroonstad – drs. Daffue, Eksteen, Van Zyl and Van der Walt
Parys – dr. Johan Wessels
Reitz - dr. Murray Smith
Viljoenskroon - dr. Johan Kahts
Villiers - drs. I. Hattingh and W.D. Hauptfleish

KwaZulu-Natal

Bergville - drs. Ariena Shepherd and Robyn Hamman
Creighton: drs. Carr and Myles
Dundee - dr. Tony Grace
Dundee – dr. Jacque Marais
Estcourt – Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar

Howick - dr. Stephen Hughes
Mooi River – drs. Fowler, Hartley, Mallet and Waerman
Mtubatuba - dr. Trever Viljoen
Pietermaritzburg – dr. Phillip Kretzmann
Pongola - dr. Silke Pfitzer
Pongola – dr. Heinz Kohrs
Underberg - drs. Collins, King and Delaney

Eastern Cape

Alexandria - -dr. Johan Olivier
Aliwal North - dr. Casper Troskie
Graaff- Reinet - dr. Roland Larson
Humansdorp - drs. Van Niekerk, Jansen Van Vuuren, Barber and Kotze
Stutterheim – dr. Dave Waterman
Tsitsikamma – drs. Hoek, Lategan and McFarlane
Uitenhage – dr. Riaan Mulder

Western Cape

Beaufort West - drs. Pienaar and Grobler
Bredasdorp – drs. Lategan, Wessels and Wessels
Darling – drs. Van der Merwe and Adam
George - drs. Strydom, Truter, and Pettifer
Heidelberg – dr. Albert van Zyl
Malmesbury – dr. Otto Kriek
Plettenberg Bay – dr. André Reitz
Swellendam – dr. Jacques Malan
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
Dr. Liza du Plessis – Idexx SA Onderstepoort
Dr. Lucy Lange – Pathcare Cape Town
Dr. J.H. Vorster, Vetdiagnostix Pietermaritzburg

General disease trends and discussion as informally reported by veterinarians during August 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	2		1	1	5	4	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		1	2	2	2	2	2	
Species affected	O		O	O	O	B,O,C	O	O,C	

Mpumalanga

Standerton: dr. Frikkie Nel

Intestinal roundworms (O 1)

Volkstrust: dr. André Visser

Intestinal roundworms (O 2)

Limpopo

Mokopane: dr. Henk Visser

Intestinal roundworms (O 1)

North West

Christiana: dr. Pieter Nel

Intestinal roundworms (O 2)

Free State

Bethlehem: dr. Henk Basson

Wireworm (O 2)

Frankfort: dr. Dries Lessing

Intestinal roundworms (O 3)

Harrismith: drs. Thirion, Nel and Pretorius

Intestinal roundworms (C 1)

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

Intestinal roundworms (O 1)

Villiers: drs. Hattingh and Hauptfleisch

Wireworm (O 1)

Brown stomachworm (B 2)

KwaZulu-Natal

Dundee: dr. Tony Grace

Intestinal roundworms (O,C 2)

Mtubatuba: dr. Trever Viljoen

Intestinal roundworms (B,O,C 2)

Pietermaritzburg: dr. Phillip Kretzmann

Intestinal roundworms (O 2)

Pongola: dr. Heinz Kohrs

Intestinal roundworms (B,O,C 2)

Eastern Cape

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

Intestinal roundworms (O 2)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Intestinal roundworms (O 2)

Bredasdorp: drs. Lategan, Wessels and Wessels

Wireworm (O 2) Two outbreaks of sheep with a wireworm infestation. Sheep had pale mucous membranes, bottle jaw and mortalities occurred. This is a parasite that usually do not cause problems in this area and then never in winter.

Darling: drs. Van der Merwe and Adam

Intestinal roundworms (O 3)

George: drs. Strydom, Truter and Pettifer

Intestinal round worms (O 3)

Malmesbury: dr. Otto Kriek

Intestinal roundworms (B 1)

Wellington: dr. William van Zyl

Intestinal roundworms (O,C 3)

Resistant roundworms

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

Eastern Cape

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

Resistant roundworms (O 2)

Western Cape

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	2	1			5	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	1	1			2	1		2	
Species affected	B	O			O,B	O,B		O	

Mpumalanga

Bethal: dr. Hardus Pieters

Tapeworms (B 1)

Nelspruit: dr. André Beytell

Tapeworms (B 1)

Gauteng

Bronkhorstspuit: drs. De Bruin, de Bruin and Rudolph

Tapeworms (O 1)

Free State

Ficksburg: dr. Woody Kotzé

Tapeworms (O 3)

Frankfort: dr. Dries Lessing

Tapeworms (O 3)

Hertzogville: drs. Hendrikz and Naudé

Tapeworms (B 1)

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

Cysticercosis (O 1)

Villiers: drs. Hattingh and Hauptfleisch

Tapeworm (O 1)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Tapeworms (O 1)

Pietermaritzburg: dr. Phillip Kretzmann

Tapeworms (B 1)

Measles (B 1)

Underberg: drs. Collins, King and Delaney

Tapeworms (O 1) in lambs

Western Cape

Darling: drs. Van der Merwe and Adam

Tapeworms (O 1)

George: drs. Strydom, Truter and Pettifer

Tapeworms (O 2)

Wellington: dr. William van Zyl

Tapeworms (O 2)

Liver fluke

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

Mpumalanga

Standerton: dr. Frikkie Nel

Liver fluke (B 2)

Free State

Bloemfontein: dr. Stephan Wessels

Liver fluke (B 2)

Clocolan: dr. Liezel Wasserman

Liver fluke (B,O 3)

Ficksburg: dr. Woody Kotzé

Liver fluke (B 1)

Frankfort: dr. Dries Lessing

Liver fluke (B 3)

Harrismith: drs. Thirion, Nel and Pretorius

Liver fluke (O 1)

Heilbron: dr. Piet van Zyl

Liver fluke (B 1)

Villiers: drs. Hattingh and Hauptfleisch

Liver fluke (B,O 2)

KwaZulu Natal

Dundee: dr. Jacque Marais

Liver fluke (B 2)

Howick: dr. Stephen Hughes

Liver fluke (B 3)

Pietermaritzburg: dr. Phillip Kretzmann

Liver fluke (B 1)

Underberg: drs. Collins, King and Delaney

Liver fluke (B 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					4	1	1	1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					3	2	1	1	
Species affected					B	B	B	B	

FreeState

Bloemfontein: dr. Stephan Wessels

Conical fluke (B 3) Diarrhoea and loss of weight in cattle on numerous farms due to conical fluke. Animals react well to treatment.

Clocolan: dr. Liezel Wasserman

Conical fluke (B 3)

Frankfort: dr. Dries Lessing

Conical fluke (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Conical fluke (B 1)

KwaZulu-Natal

Pietermaritzburg: dr. Phillip Kretzmann

Conical fluke (B 2)

Eastern Cape

Alexandria: dr. Johan Olivier

Conical fluke (B 1)

Western Cape

Malmesbury: dr. Otto Kriek

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

Limpopo

Mokopane: dr. Henk Visser

Parafilaria (B 1)

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	3		2	1	3	6	1	2	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2		2	2	2	2	2	2	
Species affected	B		B	B	B	B,E	B	B	

Mpumalanga

Lydenburg: dr. Gustav Trümpelmann

Blue ticks (B 3)

Standerton: dr. Frikkie Nel

Blue ticks (B 2)

Volksrust: dr. André Visser

Blue ticks (B 2)

Limpopo

Mokopane: dr. Henk Visser

Blue ticks (B 1)

Polokwane: dr. Gavin Watson

Blue ticks (B 3)

North West

Stella: dr. Magdaleen Vosser

Blue ticks (B 2)

Free State

Clocolan: dr. Liezel Wasserman

Blue ticks (B 3)

Frankfort: dr. Dries Lessing

Blue ticks (B 2)

Hoopstad: dr. Kobus Pretorius

Bloubosluise (B 2)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Blue ticks (B 2) still many ticks.

Dundee: dr. Jacque Marais

Blue ticks (B 3)

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

Blue ticks (B 1)

Mtubatuba: dr. Trever Viljoen

Blue ticks (B,E 2)

Pietermaritzburg: dr. Phillip Kretzmann

Blue ticks (B 3)

Underberg: drs. Collins, King and Delaney

Blue ticks (B 1)

Eastern Cape

Alexandria: dr. Johan Olivier

Blue ticks (B 2)

Western Cape

Bredasdorp: drs. Lategan, Wessels and Wessels

Blue ticks (B 1)

George: drs. Strydom, Truter and Pettifer

Blue ticks (B 3)

Resistant ticks

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

Mpumalanga

Nelspruit: dr. André Beytell

Resistant blue ticks (B 3)

Limpopo

Polokwane: dr. Gavin Watson

Resistant blue ticks (B 3) appear to be resistant to amitraz.

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen

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

Gauteng

Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut

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

Free State

Clocolan: dr. Liezel Wasserman

Bont-legged ticks (B 3)

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

Bont-legged ticks (B,O 3)

Red-legged ticks

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

North West

Schweitzer-Reneke: dr. N.J.Heyns

Red-legged ticks (B 2)

KwaZulu-Natal

Mooi River: drs. Fowler, Hartley, Mallett and Waterman

Red-legged (B 2)

Brown ear-ticks

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									

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	2	2	2			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	2	2			2	2		
Species affected	B	B,O	B			B,O,C,G	B		

Mpumalanga

Lydenburg: dr. Gustav Trümpelmann

Bont ticks (B 1)

Nelspruit: dr. André Beytell

Bont ticks (B 3)

Gauteng

Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut

Bont ticks (B,O 2)

Pretoria: dr. Hanneke Pienaar

Bont ticks (O 2)

Limpopo

Mokopane: dr. Henk Visser

Bont ticks (B 2)

Vaalwater: dr. Hampie van Staden

Bont ticks (B 2)

KwaZulu-Natal

Dundee: dr. Tony Grace

Bont ticks (B 2)

Dundee: dr. Jacque Marais

Bont ticks (B 3)

Mtubatuba: dr. Trever Viljoen

Bont ticks (B,O,C,G 2)

Pietermaritzburg: dr. Phillip Kretzmann

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

Free State

Bloemfontein: dr. Stephan Wessels

Paralysis ticks (B 1)

Biting Lice

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

Mpumalanga

Ermelo: dr. Ben Potgieter

Biting lice (B 1)

Standerton: dr. Kobie Kroon

Biting lice (B,O 3)

Standerton: dr. Frikkie Nel

Biting lice (B 3)

Volksrust: dr. André Visser

Biting lice (B 3)

North West

Leeudoringstad: dr. Ian Jonker

Biting lice (B 3)

Free State

Bloemfontein: dr. Stephan Wessels

Biting lice (B 3) especially in cows in poor condition.

Bultfontein: dr. Santjie Pieterse

Biting lice (B 3)

Clocolan: dr. Liezel Wasserman

Biting lice (B,O 3)

Frankfort: dr. Dries Lessing

Biting lice (B 3)

Harrismith: drs. Thirion, Nel and Pretorius

Biting lice (B 3)

Heilbron: dr. Piet van Zyl

Biting lice (B 2)

Hoopstad: dr. Kobus Pretorius

Biting lice (B 3)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Biting lice (O 2)

Eastern Cape

Aliwal North: dr. Casper Troskie

Biting lice (B 3)

Graaff-Reinet: dr. Roland Larson

Biting lice (B 3)

Northern Cape

Kathu: dr. Jan Vorster

Biting lice (B 2)

Sucking Lice

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

Mpumalanga

Standerton: dr. Kobie Kroon

Sucking lice (B 3)

Standerton: dr. Frikkie Nel

Sucking lice (B 1)

Volksrust: dr. André Visser

Sucking lice (B 3)

North West

Leeudoringstad: dr. Ian Jonker

Sucking lice (B 3)

Stella: dr. Magdaleen Vosser

Sucking lice (B 3)

Free State

Bloemfontein: dr. Stephan Wessels

Sucking lice (B 3) especially in cows in poor condition.

Clocolan: dr. Liezel Wasserman

Sucking lice (B 3)

Hoopstad: dr. Kobus Pretorius

Sucking lice (O 1)

Viljoenskroon: dr. Johan Kahts

Sucking lice (B 3)

Eastern Cape

Aliwal North: dr. Casper Troskie

Sucking lice (B 3)

Mites

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

Species affected				B	O	C		O	
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North West

Leeudoringstad: dr. Ian Jonker

Mites (B 3)

Free State

Reitz: dr. Murray Smith

Mites (O 2)

KwaZulu-Natal

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

Mites (C 1)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Mites (O 2) Numerous outbreaks of sheep scab due to poor boundary fences, movement of animals and the use of infected transport vehicles and kraals.

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						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,E			

KwaZulu-Natal

Mooi River: drs. Fowler, Hartley, Mallett and Waterman

Nuisance flies (B 1)

Mtubatuba: dr. Trever Viljoen

Nuisance flies (B,E 2)

Screw-worm

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,C			

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen

Screw-worm (B,C 2)

Blowflies

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

Mpumalanga

Standerton: dr. Frikkie Nel

Blowflies (B,O 1)

Volksrust: dr. André Visser

Blowflies (B,O 2)

Free State

Clocolan: dr. Liezel Wasserman

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									
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									

Midges and Mosquitoes

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

Free State

Parys: dr. Johan Wessels

Midges (O 2) Numerous midges seen in Vaal river area, advise farmers to vaccinate their animals against insect borne diseases.

Northern Cape

Upington: Dr. Ian Vorster

Midges (B,O 2)

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

Mpumalanga

Lydenburg: dr. Gustav Trümpelmann

African red water (B 1) first case of the new summer season seen.

Limpopo

Polokwane: dr. Gavin Watson
African red water (B 1)

Free State

Frankfort: dr. Dries Lessing
African red water (B 2)

Villiers: drs. Hattingh and Hauptfleisch
African red water (B 2)

KwaZulu-Natal

Dundee: dr. Jacque Marais
African red water (B 2)

Howick: dr. Stephen Hughes
African red water (B 3)

Pietermaritzburg: dr. Phillip Kretzmann
African red water (B 3)

Underberg: drs. Collins, King and Delaney
African red water (B 1)

Western Cape

Bredasdorp: drs. Lategan, Wessels and Wessels
African red water (B 1)

George: drs. Strydom, Truter and Pettifer
African red water (B 3) First cases after the winter – large outbreaks.

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

Mpumalanga

Nelspruit: dr. André Beytell
Asiatic red water (B 1)

Standerton: dr. Frikkie Nel
Asiatic red water (B 2)

Volksrust: dr. André Visser
Asiatic red water (B 2)

Gauteng

Bronkhorstspuit: drs. De Bruin, de Bruin and Rudolph
Asiatic red water (B 1)

Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut
Asiatic red water (B 1) Parasite detected in a single diseased cow belonging to a farmer north west of Pretoria who lost a number of animals to the disease earlier in the year. No movement of the animals has occurred, endemic stability not present on this farm.

Free State

Frankfort: dr. Dries Lessing

Asiatic red water (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Asiatic red water (B 2)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Asiatic red water (B 1)

Dundee: dr. Jacque Marais

Asiatic red water (B 1)

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

Asiatic red water (B 1)

Howick: dr. Stephen Hughes

Asiatic red water (B 3)

Pietermaritzburg: dr. Phillip Kretzmann

Asiatic red water (B 1)

Underberg: drs. Collins, King and Delaney

Asiatic red water (B 1)

Western Cape

George: drs. Strydom, Truter and Pettifer

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	3			1	6	7	1	4	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2			2	2	2	2	2	
Species affected	B			B	B	B	B	B	

Mpumalanga

Middelburg: drs. Fourie and Barkhuizen

Anaplasmosis (B 2)

Standerton: dr. Frikkie Nel

Anaplasmosis (B 3)

Volksrust: dr. André Visser

Anaplasmosis (B 1)

North West

Christiana: dr. Pieter Nel

Anaplasmosis (B 2)

Free State

Bloemfontein: dr. Stephan Wessels

Anaplasmosis (B 2)

Bultfontein: dr. Santjie Pieterse

Anaplasmosis (B 1)

Clocolan: dr. Lielzel Wasserman

Anaplasmosis (B 3)

Frankfort: dr. Dries Lessing

Anaplasmosis (B 3)

Hoopstad: dr. Kobus Pretorius

Anaplasmosis (B 3)

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

Anaplasmosis (B 2)

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

Anaplasmosis (B 1)

Dundee: dr. Jacque Marais

Anaplasmosis (B 1)

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

Anaplasmosis (B 2)

Howick: dr. Stephen Hughes

Anaplasmosis (B 2)

Mtubatuba: dr. Trever Viljoen

Anaplasmosis (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Anaplasmosis (B 2)

Underberg: drs. Collins, King and Delaney

Anaplasmosis (B 1)

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

Anaplasmosis (B 2)

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

Anaplasmosis (B 1)

Bredasdorp: drs. Lategan, Wessels and Wessels

Anaplasmosis (B 1)

Darling: drs. Van der Merwe and Adam

Anaplasmosis (B 2) Both beef and dairy herds affected. On going problem in dairy herds, especially those who don't vaccinate. Clinical disease evident during periods of stress, i.e. post calving, suggestive of more sub clinical cases. Severe sudden drop in milk production typical of clinical disease.

Malmesbury: dr. Otto Kriek

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

Gauteng**Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut**

Heartwater (O,C 2) Numerous cases brought into the clinic or seen on mobile calls. One farmer lost over half of 20 goats brought from a local market (origin unknown) demonstrating the risk of moving naive animals into a heartwater area. Vaccination recommended if wish to purchase more goats in the future.

Limpopo

Mokopane: dr. Henk Visser

Heartwater (O 2)

Polokwane: dr. Gavin Watson

Heartwater (B 2)

North West

Swartruggens: dr. Roselle Hartwigen

Heartwater (B,C 1)

Vaalwater: dr. Hampie van Staden

Heartwater (B 1)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Heartwater (B 3) Two farms with outbreaks.

Mooi River: drs. Fowler, Hartley, Mallett and Waterman

Heartwater (C 1)

Mtubatuba: dr. Trever Viljoen

Heartwater (B,C,O 2)

Pietermaritzburg: dr. Phillip Kretzmann

Heartwater (B,O,C 2)

Eastern Cape

Alexandria: dr. Johan Olivier

Heartwater (B 1)

Uitenhage: dr. Riaan Mulder

Heartwater (B,O,C 2)

Corridor disease

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

Sweating sickness

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

Free State

Hertzogville: drs. Hendrikz and Naudé

Sweating sickness (B 1)

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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	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					3			
Species affected	B					B			

Mpumalanga

Piet Retief: drs. Weber and Niebuhr

Lumpy skin disease (B 2)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Lumpy skin disease (B 2)

Pongola: dr. Heinz Kohrs

Lumpy skin disease (B 3) Continuous outbreaks in SE Swaziland, Pongola and Magudu. Many LDS cases with atypical signs of lameness, swollen limbs and abscesses. Be prepared for a spread of LSD inland next summer season.

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

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									
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									

Blue tongue

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								2	
Species affected								0	

Western Cape

Malmesbury: dr. Otto Kriek

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)

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	3	11	2			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3		3	3	3	1			
Species affected	B		B	B	B	B			

Mpumalanga

Bethal: dr. Hardus Pieters

Trichomonosis (B 3)

Ermelo: dr. Ben Potgieter

Trichomonose (B 3) still a very big problem.

Middelburg: drs. Fourie and Barkhuizen

Trichomonosis (B 3) It is of great concern to see the increase of venereal diseases.

Biosecurity should be emphasized more often as these diseases can be eradicated.

Standerton: dr. Kobie Kroon

Trichomonosis (B 3)

Standerton: dr. Frikkie Nel

Trichomonosis (B 3)

Limpopo

Polokwane: dr. Gavin Watson

Trichomonosis (B 3)

North West

Leudoringstad: dr. Ian Jonker

Trichomonosis (B 3)

Schweizer-Reneke: dr. N.J. Heyns

Trichomonosis (B 3)

Stella: dr. Magdaleen Vosser

Trichomonosis (B 3)

Free State

Bethlehem: dr. Henk Basson

Trichomonosis (B 3)

Bloemfontein: dr. Stephan Wessels

Trichomonosis (B 2) Two cases on a farm that had previously been free of this disease.

Clocolan: dr. Liezel Wasserman

Trichomonosis (B 3)

Frankfort: dr. Dries Lessing

Trichomonosis (B 3)

Harrismith: drs. Thirion, Nel and Pretorius

Trichomonosis (B 1)

Hertzogville: drs. Hendrikz and Naudé

Trichomonosis (B 2) conception rates as low as 30%. Many positive bulls. Farmers buy bulls which have not been tested for venereal diseases or have only been tested once.

Hoopstad: dr. Kobus Pretorius

Trichomonosis (B 3)

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

Trichomonosis (B 3)

Reitz: dr. Murray Smith

Trichomonosis (B 3)

Viljoenskroon: dr. Johan Kahts

Trichomonosis (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Trichomonosis (B 3)

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

Trichomonosis (B 1)

Mooi River: drs. Fowler, Hartley, Mallett and Waterman

Trichomonosis (B 1)

Vibriosis

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

North West**Leudoringstad: dr. Ian Jonker**

Vibriosis (B 3)

Schweizer-Reneke: dr. N.J. Heyns

Vibriosis (B 3)

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

Vibriosis (B 2) Three new cases in 3 herds.

Clocolan: dr. Liezel Wasserman

Vibriosis (B 2)

Frankfort: dr. Dries Lessing

Vibriosis (B 2)

Hertzogville: drs. Hendrikz and Naudé

Vibriosis (B 2)

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

Vibriosis (B 1)

Reitz: dr. Murray Smith

Vibriosis (B 1)

Viljoenskroon: dr. Johan Kahts

Vibriosis (B 2)

Western Cape

Heidelberg: dr. Albert van Zyl

Vibriosis (B 3)

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			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					O			O	

Free State

Hertzogville: drs. Hendrikz and Naudé

Pizzle disease (O 2)

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

Mpumalanga

Lydenburg: dr. Gustav Trümpelmann

Swelled head (B 2) cattle not vaccinated.

Middelburg: drs. Fourie and Barkhuizen

Blackquarter (B3) Most farmers vaccinate their animals at a too late age. If animals still die after vaccination, the responsible organism(s) should be isolated so as to give the appropriate vaccine.

Piet Retief: drs. Weber and Niebuhr

Swelled head (B 1)

Standerton: dr. Frikkie Nel

Blackquarter (B 1)

Swelled head (B 1)

Volksrust: dr. André Visser

Blackquarter (B 1)

Gauteng

Bronkhorstspuit: drs. De Bruin, de Bruin and Rudolph

Blackquarter (B 1)

Swelled head (B 2)

Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut

Blackleg (B 2) Severe outbreak in unvaccinated bucket-reared young stock approximately one year of age. Four of 20 animals died over the course of a few days.

Limpopo

Mokopane: dr. Henk Visser

Swelled head (B 1)

Polokwane: dr. Gavin Watson

Blackquarter (B 1) Single case in an unvaccinated herd.

Free State

Frankfort: dr. Dries Lessing

Blackquarter (B 3)

Harrismith: drs. Thirion, Nel and Pretorius

Blackquarter (B 2)

Hertzogville: drs. Hendrikz and Naudé

Blackquarter (B 2)

Swelled head (O 1)

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

Blackquarter (B 2) in weaner calves that were not vaccinated.

Viljoenskroon: dr. Johan Kahts

Blackquarter (B 2)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Blackquarter (B 1)

Creighton: drs. Carr and Myles

Blackleg (B 1)

Dundee: dr. Tony Grace

Blackquarter (B 2)

Howick: dr. Stephen Hughes

Swelled head (C 1)

Pongola: dr. Heinz Kohrs

Blackquarter (B 2)

Eastern Cape

Graaff-Reinet: dr. Roland Larson

Blackquarter (B 1) Contaminated needles after a vitamin ADE injection.

Tsitsikamma: drs. Hoek and McFarlane

Blackquarter (B 2)

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

Blackquarter (B 1)

Plettenberg Bay: dr. André Reitz

Blackquarter (B 2) on two separate farms, animals were not vaccinated..

Pulpy Kidney

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

Mpumalanga**Ermelo: dr. Ben Potgieter**

Pulpy kidney (O 1)

Gauteng**Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut**

Pulpy kidney (O 1)

Bronkhorstspuit: drs. De Bruin, de Bruin and Rudolph

Pulpy kidney (O 1)

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

Pulpy kidney (O 2)

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

Pulpy kidney (O 3)

Bultfontein: dr. Santjie Pieterse

Pulpy kidney (O 2)

Hertzogville: drs. Hendrikz and Naudé

Pulpy kidney (O 3) sheep had not been vaccinated, dosed sheep and 15 out of 300 sheep died.

Hoopstad: dr. Kobus Pretorius

Pulpy kidney (O 2)

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

Pulpy kidney (B 2)

Reitz: dr. Murray Smith

Pulpy kidney (O 2)

Villiers: drs. Hattingh and Hauptfleisch

Pulpy kidney (O 2)

KwaZulu-Natal

Underberg: drs. Collins, King and Delaney
Pulpy kidney (O 1)

Western Cape

Beaufort-West: drs. Pienaar and Grobler
Pulpy kidney (O 1)

Lamb dysentery (*Clostridium perfringens* type B)

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

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

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

Mpumalanga

Nelspruit: dr. André Beytell

Red gut (B 1) A severe outbreak occurred in 3 week old beef calves. No reaction to intensive treatment. Recommendation is to vaccinate pregnant cows with a multiclostridial vaccine as well as a vaccine containing rota and corona viruses and *E. coli*.

Standerton: dr. Frikkie Nel

Blood gut (O 1)

North West

Christiana: dr. Pieter Nel

Blood gut (O 1)

Leeudoringstad: dr. Ian Jonker

Redgut (B 3) in phase D bulls

Free State

Clocolan: dr. Liezel Wasserman

Blood gut (O 2)

Hertzogville: drs. Hendrikz and Naudé

Blood gut (C 2) in 20 out of 600, 2 to 4 month old goats.

Villiers: drs. Hattingh and Hauptfleisch

Blood gut (O 2)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Red gut (B 1)

Howick: dr. Stephen Hughes

Red gut (B 2)

Mooi River: drs. Fowler, Hartley, Mallett and Waterman

Red gut (B 1)

Underberg: drs. Collins, King and Delaney

Red gut (B 1)
Blood gut (O 1)

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

Red gut (B 1)

Western Cape**Malmesbury: dr. Otto Kriek**

Red gut (B 1)

Wellington: dr. William van Zyl

Blood gut (O 2)

Northern Cape**Upington: dr. Ian Vorster**

Blood gut (C 2) in kids.

Tetanus

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					1	1			
Species affected					O	B			

Free State**Bultfontein: dr. Santjie Pieterse**

Tetanus (O 1)

Hoopstad: dr. Kobus Pretorius

Tetanus (O 1)

KwaZulu-Natal**Creighton: drs. Carr and Myles**

Tetanus (B 1)

Botulism

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	1			1	
Species affected	B			B	B			O	

Mpumalanga**Nelspruit: dr. André Beytell**

Botulism (B 1)

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

Botulism (B 1)

Free State

Hoopstad: dr. Kobus Pretorius

Botulism (B 1)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Botulism (O 1)

Brucellosis (*Brucella abortus*)

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

Mpumalanga

Bethal: dr. Hardus Pieters

Brucellosis (B 3)

Ermelo: dr. Ben Potgieter

Brucellosis (B 1)

Standerton: dr. Frikkie Nel

Brucellosis (B 2)

Limpopo

Polokwane: dr. Gavin Watson

Brucellosis (B 2)

North West

Schweizer Reneke: dr. N.J.Heyns

Brucellosis (B 3)

Stella: dr. Magdaleen Vosser

Brucellosis (B 3)

Free State

Bethlehem: dr. Henk Basson

Brucellosis (B 3)

Bloemfontein: dr. Stephan Wessels

Brucellosis (B 2) Two new herds positive for brucellosis.

Frankfort: dr. Dries Lessing

Brucellosis (B 3)

Hertzogville: drs. Hendrikz and Naudé

Brucellosis (B 3)

Heilbron: dr. Piet van Zyl

Brucellosis (B 2)

Hoopstad: dr. Kobus Pretorius

Brucellosis (B 3) increasing in the area.

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

Brucellosis (B 3)

Parys: dr. Johan Wessels

Brucellosis (B 3) Biosecurity is the key to control –farms next to communal grazing area where the herds are not closed – 30% of herd infected.

Reitz: dr. Murray Smith

Brucellosis (B 2)

Viljoenskroon: dr. Johan Kahts

Brucellosis (B 3) Severe infections in some herds, other herds are tested regularly.

Villiers: drs. Hattingh and Hauptfleisch

Brucellosis (B 3)

KwaZulu-Natal

Dundee: dr. Tony Grace

Brucellosis (B 2)

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

Bredasdorp: drs. Lategan, Wessels and Wessels

Johnes disease (O 1)

Ram disease (*Brucella ovis*)

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

Beaufort West: drs. Pienaar and Grobler

Ram disease (O 2)

Ram disease (HPA organisms)

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

E. coli

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

Free State

Frankfort: dr. Dries Lessing

E. coli (B 1)

KwaZulu-Natal

Creighton: drs. Carr and Myles

E. coli (B 1)

Dundee: dr. Jacque Marais

E. coli (B 3)

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

E. coli (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

E. coli (B 2)

Underberg: drs. Collins, King and Delaney

E. coli (B 3) Found in most calves with diarrhoea in spite of well vaccinated dry cows?

Eastern Cape

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

E. coli (B 2)

Western Cape

George: drs. Strydom, Truter and Pettifer

E. coli (B 3)

Malmesbury: dr. Otto Kriek

E. coli (B 1) A young ox, 18 months old died suddenly after having had a severe diarrhoea. At the necropsy there were severe conical fluke lesions in the abomasum and first part of the small intestine as well as red gut. On histology and bacterial isolation at the laboratory there was a 100% overgrowth of haemolytic *E. coli* which had overgrown the *Clostridium perfringens* bacteria. The protein that was released in the intestines as a result of the damage caused by the immature conical fluke infestation was probably an ideal growth medium for the clostridial bacteria and the *E. coli* came in as an opportunist. The lush Medix pasture could also have contributed to the infection. The farmer did not vaccinate the animals against clostridial diseases as was recommended.

Northern Cape

Upington: dr. Ian Vorster

E. coli (O 2)

Salmonellosis

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

Mpumalanga

Standerton: dr. Frikkie Nel

Salmonellosis (B 1)

KwaZulu-Natal

Mooi River: drs. Fowler, Hartley, Mallett and Waterman
Salmonellosis (B 2)

Eastern Cape

Alexandria: dr. Johan Olivier
Salmonellosis (B 1)

Western Cape

George: drs. Strydom, Truter and Pettifer
Salmonellosis (B 2)

Wellington: dr. William van Zyl
Salmonellosis (B 1)

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

Enzootic abortion (Chlamydothyla)

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

Eastern Cape

Graaff-Reinet: dr. Roland Larson
Diphtheria (C 3) (*Fusobacterium necrophorum*) Goats are fed baled lucerne with “Korn Kandy” maize. Lucern is polluted with finch grass. Small lesions appeared in the mouths of kids and ewes. Typically smelly ulcers developed in their mouths. Farmer lost at least 20 kids. Goats died as their swallowing is impaired.

Viral diseases

Bovine Malignant Catarrh - BMC (Snotsiekte)

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

Species affected	B		B			B			
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Mpumalanga

Lydenburg: dr. Gustav Trümpelmann

Snotsiekte (B 2)

Limpopo

Mokopane: dr. Henk Visser

Snotsiekte (B 3)

Polokwane: dr. Gavin Watson

Snotsiekte (B 1)

Vaalwater: dr. Hampie van Staden

Snotsiekte (B 2) Blue wildebeest 3 km separated from cattle. Cattle camp adjacent to road.

KwaZulu-Natal

Dundee: dr. Tony Grace

Snotsiekte (B 2) 8 Nguni heifers in a herd of about 60 animals contracted wildebeest associated BMC.

BVD

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			2	1		1			
Species affected			B	B		B			

Limpopo

Polokwane: dr. Gavin Watson

BVD (B 2)

North West

Christiana: dr. Pieter Nel

BVD (B 1)

KwaZulu-Natal

Creighton: drs. Carr and Myles

BVD (B 1)

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	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					
Species affected			B	B					

Limpopo

Polokwane: dr. Gavin Watson

IBR (B 2)

North West

Christiana: dr. Pieter Nel

IBR (B 1)

Stella: dr. Magdaleen Vosser

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	2								
Species affected	B								

Mpumalanga

Middelburg: drs. Fourie and Barkhuizen

Rota virus infection (B 2) Diarrhoea in 2 month old beef calves is a problem. Most cases are caused by a rota virus. Antibiotics do not work and a good electrolyte supplement is the best treatment.

Enzootic Bovine Leukosis (EBL)

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

North West

Schweizer-Reneke: dr. N.J.Heyns

EBL (B 1) cow died

Free State

Heilbron: dr. Piet van Zyl

EBL (B 2)

Viljoenskroon: dr. Johan Kahts

EBL (B 2)

KwaZulu-Natal

Creighton: drs. Carr and Myles

EBL (B 1)

Underberg: drs. Collins, King and Delaney

EBL (B 1)

Western Cape

Heidelberg: dr. Albert van Zyl

EBL (B 3)

Warts & Orf

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

Mpumalanga

Ermelo: dr. Ben Potgieter

Warts (B 1)

Middelburg: drs. Fourie and Barkhuizen

Orf (C 2)

Nelspruit: dr. Derik Venter

Warts (B 2) in young steers in a small semi-intensive feedlot.

Standerton: dr. Frikkie Nel

Orf (O 1)

Volksrust: dr. André Visser

Orf (C 1)

Gauteng

Bronkhorstspuit: drs. De Bruin, de Bruin and Rudolph

Orf (C 1)

Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut

Orf (C 1) Atypical, severe, proliferative, warty lesions in a single goat. Histopathology indicates Orf infection but virus not identified. Gradually improving with regular application of F10.

Limpopo

Mokopane: dr. Henk Visser

Warts (B 2)

North West

Christiana: dr. Pieter Nel

Orf (O 2)

Free State

Bultfontein: dr. Santjie Pieterse

Warts (B 3)

Hertzogville: drs. Hendrikz and Naudé

Orf (C 2)

Viljoenskroon: dr. Johan Kahts

Orf (C 1)

Villiers: drs. Hattingh and Hauptfleisch

Warts (B 1)

KwaZulu-Natal

Creighton: dr. Graham Carr

Warts (B 1)

Dundee: dr. Tony Grace

Warts (B 1)

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

Orf (O1)

Mooi River: drs. Fowler, Hartley, Mallett and Waterman

Orf (C 1)

Mtubatuba: dr. Trever Viljoen

Warts (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Warts (B 2)

Eastern Cape

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

Warts (B 2)

Western Cape

Darling: drs. Van der Merwe and Adam

Orf (O 1) 50% of flock affected.

Malmesbury: dr. Otto Kriek

Warts (B 1)

Rabies

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

Mpumalanga

Nelspruit: dr. André Beytell

Rabies (B 1) in a Jersey herd. This incident shows the efficacy of the inactivated vaccine against rabies. Five Jersey heifers were bitten by a rabid dog from an adjacent rural area, in the face (near the central nervous system) and these animals were vaccinated the next day. These animals recovered completely. Two calves were not vaccinated (the owner were unaware that they were also bitten). These two heifers died 2-3 weeks after the incident with classical signs of 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	3	1	1	7	3	1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported								
Level of importance	2	2	2	2	3	2		
Species affected	B	B	C	B	B	B		

Mpumalanga

Ermelo: dr. Ben Potgieter

Ringworm (B 1)

Standerton: dr. Kobie Kroon

Ringworm (B 3)

Standerton: dr. Frikkie Nel

Ringworm (B 3)

Limpopo

Polokwane: dr. Gavin Watson

Ringworm (B 2)

North West

Swartruggens: dr. Roselle Hartwigsen

Ringworm (C 2)

Free State

Bultfontein: dr. Santjie Pieterse

Ringworm (B 2)

Clocolan: dr. Liezel Wasserman

Ringworm (B 3)

Heilbron: dr. Piet van Zyl

Ringworm (B 1)

Hoopstad: dr. Kobus Pretorius

Ringworm (B 3)

Parys: dr. Johan Wessels

Ringworm (B 2)

Viljoenskroon: dr. Johan Kahts

Ringworm (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Ringworm (B 1)

KwaZulu-Natal

Howick: dr. Stephen Hughes

Ringworm (B 3)

Mtubatuba: dr. Trever Viljoen

Ringworm (B 2)

Underberg: drs. Collins, King and Delaney

Ringworm (B 3)

Eastern Cape

Alexandria: dr. Johan Olivier

Ringworm (B 2)

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

Mpumalanga

Volksrust: dr. André Visser

Coccidiosis (O 2)

Gauteng

Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut

Coccidiosis (B 2)

Pretoria: dr. Hanneke Pienaar

Coccidiosis (O 1)

Free State

Frankfort: dr. Dries Lessing

Coccidiosis (O 2)

Harrismith: drs. Thirion, Nel and Pretorius

Coccidiosis (O 1)

Villiers: drs. Hattingh and Hauptfleisch

Coccidiosis (O,C 3)

KwaZulu-Natal

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

Coccidiosis (B 2)

Mooi River: drs. Fowler, Hartley, Mallett and Waterman

Coccidiosis (B 2)

Mtubatuba: dr. Trever Viljoen

Coccidiosis (O,C 2)

Pietermaritzburg: dr. Phillip Kretzmann

Coccidiosis (O 2)

Western Cape

George: drs. Strydom, Truter and Pettifer

Coccidiosis (O 3)

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			3		1		

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

Gauteng

Pretoria: dr. Hanneke Pienaar

Urea poisoning (O 1)

Free State

Clocolan: dr. Liezel Wasserman

Urea poisoning (O 3)

Parys: dr. Johan Wessels

Urea poisoning (B 3) Three animals died and two recovered from urea poisoning. Licks were not available for 24 hours and thereafter dominance at feed troughs which resulted in over intake of urea.

Reitz: dr. Murray Smith

Urea poisoning (O 1)

Eastern Cape

Tsitsikamma: drs. Hoek and McFarlane

Urea poisoning (B 2)

Tulip poisoning

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

Mpumalanga

Bethal: dr. Hardus Pieters

Tulip poisoning (B 3)

Ermelo: dr. Ben Potgieter

Tulip poisoning (B 3) mostly in young animals, numerous mortalities and up to 20% in a herd affected.

Lydenburg: dr. Gustav Trümpelmann

Tulip poisoning (B 2)

Middelburg: drs. Fourie and Barkhuizen

Tulip poisoning (B,O 2)

Standerton: dr. Kobie Kroon

Tulip poisoning (B 3)

Standerton: dr. Frikkie Nel

Tulip poisoning (B 3) especially in young animals grazing in vleis.

Volksrust: dr. André Visser

Tulip poisoning (B 3)

Gauteng

Bronkhorstspuit: drs. De Bruin, de Bruin and Rudolph

Tulip poisoning (B 3) During July the first mortalities occurred in new animals brought onto farm as well as other cattle on burnt veld.

Free State

Bethlehem: dr. Henk Basson

Tulip poisoning (B 2)

Ficksburg: dr. Woody Kotzé

Tulip poisoning (B 3)

Harrismith: drs. Thirion, Nel and Pretorius

Tulip poisoning (B 2)

Reitz: dr. Murray Smith

Tulip poisoning (B 3)

Viljoenskroon: dr. Johan Kahts

Tulip poisoning (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Tulip poisoning (B,O 1)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Tulip poisoning (B,O,C 3) Nothing green to eat, tulips even in oat fields.

Dundee: dr. Jacque Marais

Tulip poisoning (B,O 3) multiple cases with high mortality rates.

Dundee: dr. Tony Grace

Tulip poisoning (B 2) Cattle are searching for some green plants to eat.

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

Tulip poisoning (B 2)

Howick: dr. Stephen Hughes

Tulip poisoning (B 2)

Mooi River: drs. Fowler, Hartley, Mallett and Waterman

Tulip poisoning (B 3)

Underberg: drs. Collins, King and Delaney

Tulip poisoning (B 2) *Moraea pallida* on fresh burns in veld and also on vlei lands. Both dairy and beef cattle.

Eastern Cape

Uitenhage: dr. Riaan Mulder

Tulip poisoning (B 3)

Western Cape

Bredasdorp: drs. Lategan, Wessels and Wessels

Tulip poisoning (B 2)

Heidelberg: dr. Albert van Zyl

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

Gauteng

Bronkhorstspuit: drs. De Bruin, de Bruin and Rudolph

Lantana poisoning (B 1)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Lantana poisoning (B 3) many cases

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

Lantana poisoning (B 2)

Gifblaar 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

Gifblaar (B 3) numerous deaths.

Senecio poisoning

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

Cestrum poisoning – Ink berry

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

North West

Schweizer-Reneke: dr. N.J.Heyns

Cestrum poisoning (B 2)

Free State

Bultfontein: dr. Santjie Pieterse

Cestrum poisoning (B 2) Cattle on maize fields. Areas with trees as well as neighbouring farms are heavily infested with ink berry. Cattle eat green ink berries in stead of dry grass and mealie leaves. Plants were removed and deaths stopped. Three out of 17 oxen died.

Eastern Cape

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

Cestrum poisoning (B 3)

Prussic acid poisoning

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

Acidosis

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

North West

Leeudoringstad: dr. Ian Jonker

Acidosis (O 3)

Schweizer-Reneke: dr. N.J.Heyns

Acidosis (B 3)

Free State

Bethlehem: dr. Henk Basson

Acidosis (B,O 3)

Harrismith: drs. Thirion, Nel and Pretorius

Acidosis (O 2) due to maize

Eastern Cape

Graaff-Reinet: dr. Roland Larson

Acidosis (B,O 1)

Other poisonings

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Numerous cattle died due to an overdosage of trace minerals. It is very important that packet inserts are read and automatic syringes calibrated and set at the correct setting.

Free State

Frankfort: dr. Dries Lessing

Xanthium (burweed, cocklebur, kankerroos, boetebos) poisoning (B 2) Five out of 150 cows died. Animals graze on river banks with lots of burweed and hardly any other grazing. Animals have nervous signs with acute deaths. The rumen is full of seeds.

Eastern Cape

Alexandria: dr. Johan Olivier

Nitrate poisoning (B 3) Nitrate poisoning on lush rye grass pasture under irrigation. The history is that the pivot is on soil where cabbage had previously been planted (high K in soil). Faecal water had been sprayed onto the pastures with heavy frost that occurred soon thereafter. Four animals died within 2 hours on the pasture. Animals were removed from the pasture and fed citrus pulp and lucerne. Cattle were put back on pastures and showed signs of grass staggers. Soil samples indicated a high K level and pasture tested 30% protein.

Cynanchum poisoning (B 2) Three heifers died. They were kept in a small camp which had *Cynanchum* growing on the fence. Heifers showed nervous signs. One calf survived after treatment.

Tsitsikamma: drs. Hoek and McFarlane

Cynanchum (klimop) poisoning (B 3) Farmer lost 19 cows from klimop poisoning when they broke out into seekoppe during bad weather.

Nitrate poisoning (B 3) 8 out of 16 calves that were born in a 24 hour period were stillborn.

Cows grazed on dryland ryegrass fertilized with chicken manure. One cow died just after being on specific pasture but we didn't perform post mortem so unsure of reason for death. Ocular fluid levels of nitrates in stillborn calves had toxic levels of nitrates.

Western Cape

Darling: drs. Van der Merwe and Adam

Overeating (B 3) of lupins.

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	3	2		1	12	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	2	2		2	2	2	3	2	
Species affected	B,O	B,O,C		O	B,O	B	B,O	B,C	

Mpumalanga

Middelburg: drs. Fourie and Barkhuizen

Abortions (B,O 2)

Standerton: dr. Frikkie Nel

Abortions (B 3) due to unknown causes, some due to brucellosis.

Volksrust: dr. André Visser

Abortions (B 2)

Gauteng

Bronkhorstspuit: drs. De Bruin, de Bruin and Rudolph

Abortions (B 1)

Pretoria: dr. Hanneke Pienaar

Abortions (O,C 2) Both animals had a tear of the vagina, through the cervix and into the uterus. The ewe tested positive for *Chlamydomphila abortus*.

North West

Swartruggens: dr. Roselle Hartwigsen

Abortions (O 2)

Free State

Clocolan: dr. Liesel Wasserman

Abortions (B 3)

Ficksburg: dr. Woody Kotzé

Abortions (O 3)

Frankfort: dr. Dries Lessing

Abortions (B 3)

Harrismith: drs. Thirion, Nel and Pretorius

Abortions (B 2)

Heilbron: dr. Piet van Zyl

Abortions (O 2)

Hertzogville: drs. Hendrikz and Naudé

Abortions (B,O 2)

Hoopstad: dr. Kobus Pretorius

Abortions (B 3, O 2)

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

Abortions (B 3) Abortion storms caused by brucellosis.

Parys: dr. Johan Wessels

Abortions (B 2) Still busy with investigation – three negative brucellosis tests with a interval of 3 months done last year. Suspect reinfection with brucellosis from neighbouring farms.

Reitz: dr. Murray Smith

Abortions (O 1)

Viljoenskroon: dr. Johan Kahts

Abortions (B 2) Large numbers occur but lab results showed no definite diagnosis.

Villiers: drs. Hattingh and Hauptfleisch

Abortions (B,O 2)

KwaZulu-Natal

Dundee: dr. Jacque Marais

Abortions (B 2)

Dundee: dr. Tony Grace

Abortions (B 2) sent samples away to be tested for brucellosis.

Underberg: drs. Collins, King and Delaney

Abortions (B 3) Late embryonic mortalities and early abortions still associated with maize and mouldy silage.

Eastern Cape

Aliwal North: dr. Casper Troskie

Abortions (O 3) due to *Coxiella burnetti*

Graaff-Reinet: dr. Roland Larson

Abortions (B 2)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Early births (C 3) Numerous cases of early births were reported in Angora goats most probably due to energy deficiency and stress. It is very dry in large areas.

George: drs. Strydom, Truter and Pettifer

Abortions (B 2)

Malmesbury: dr. Otto Kriek

Abortions (B 1)

Poor Conception

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

Mpumalanga

Standerton: dr. Frikkie Nel

Poor conception (B,O 2)

Gauteng

Bronkhorstspuit: drs. De Bruin, de Bruin and Rudolph

Poor conception (B 1)

North West

Christiana: dr. Pieter Nel

Poor conception (B 3) due to poor grazing conditions and high summer temperatures in summer.

Free State

Frankfort: dr. Dries Lessing

Poor conception (B 3)

Heilbron: dr. Piet van Zyl

Poor conception (B 3) in dairy cows. Nutritional imbalance – fat content in feed too low. After adaptation to higher energy levels coming from fat in pre- and post-partum ration the conception rate back to normal. Low fat in dairy ration definitely associated with low conception and not just energy values.

Hertzogville: drs. Hendrikz and Naudé

Poor conception (B 2)

Hoopstad: dr. Kobus Pretorius

Poor conception (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Poor conception (B,O 2)

KwaZulu-Natal

Creighton: drs. Carr and Myles

Poor conception (B 3) in dairy cows

Underberg: drs. Collins, King and Delaney

Poor conception (B 3)

Dystocia

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	5	3	2	3	13	11	3	5	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	3	3	2
Species affected	B	B,O,C	B	B	B,O	B,O,C	B	B,O,C	B

Mpumalanga

Bethal: dr. Hardus Pieters

Dystocia (B 2)

Ermelo: dr. Ben Potgieter

Dystocia (B 3) Cows on harvested maize fields having large calves.

Middelburg: drs. Fourie and Barkhuizen

Dystocia (B 1)

Standerton: dr. Frikkie Nel

Dystocia (B 3)

Volksrust: dr. André Visser

Dystocia (B 2)

Gauteng

Bronkhorstspuit: drs. De Bruin, de Bruin and Rudolph

Dystocia (B 2)

Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut

Dystocia (B,O,C 3)

Pretoria: dr. Hanneke Pienaar

Dystocia (O 1) due to torsion of the uterus. Dead lamb and ewe died due to internal haemorrhage.

Limpopo

Modimolle: dr. Henk Visser

Dystocia (B 1)

Vaalwater: dr. Hampie van Staden

Dystocia (B 2)

North West

Christiana: dr. Pieter Nel

Dystocia (B 3) Young heifers covered by bulls giving large calves.

Leeudoringstad: dr. Ian Jonker

Dystocia (B 3) rotten fetuses.

Schweizer-Reneke: dr. N.J.Heyns

Dystocia (B 3) cows fed too much licks resulting in large calves.

Free State

Bultfontein: dr. Santjie Pieterse

Dystocia (B 1)

Clocolan: dr. Liezel Wasserman

Dystocia (B,O 3)

Ficksburg: dr. Woody Kotzé

Dystocia (O 3)

Frankfort: dr. Dries Lessing

Dystocia (B 3)

Harrismith: drs. Thirion, Nel and Pretorius

Dystocia (B 3)

Heilbron: dr. Piet van Zyl

Dystocia (B 3)

Hertzogville: drs. Hendrikz and Naudé

Dystocia (B 2)

Hoopstad: dr. Kobus Pretorius

Dystocia (B 3) Suspect one of three bulls used gives large calves. Doing tests on large calves to determine who the sire is.

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

Dystocia (B 3)

Parys: dr. Johan Wessels

Dystocia (B 2)

Reitz: dr. Murray Smith

Dystocia (B 3)

Viljoenskroon: dr. Johan Kahts

Dystocia (B 3) cows and heifers put early into maize fields but this led to large calves being born.

Villiers: drs. Hattingh and Hauptfleisch

Dystocia (B 2)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Dystocia (B,O 2)

Creighton: drs. Carr and Myles

Dystocia (B 3)

Dundee: dr. Tony Grace

Dystocia (B 2)

Dundee: dr. Jacque Marais

Dystocia (B,O 1)

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

Dystocia (B 3)

Howick: dr. Stephen Hughes

Dystocia (B 3)

Mooi River: drs. Fowler, Hartley, Mallett and Waterman

Dystocia (B 3)

Mtubatuba: dr. Trever Viljoen

Dystocia (B,C 2)

Pietermaritzburg: dr. Phillip Kretzmann

Dystocia (B 3)

Pongola: dr. Heinz Kohrs

Dystocia (B 1)

Underberg: drs. Collins, King and Delaney

Dystocia (B 3) Annual surge in calvings with expected problems. Usually on Mondays after weekend neglect of stockmanship. Spotting too late and some second twins missed and cows not seen to be calving.

Eastern Cape

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

Dystocia (B 3)

Tsitsikamma: drs. Hoek and McFarlane

Dystocia (B 3)

Uitenhage: dr. Riaan Mulder

Dystocia (B 3) in first calf heifers, under weight due to the dry season and winter.

Western Cape

Bredasdorp: drs. Lategan, Wessels and Wessels

Dystocia (B 3)

Darling: drs. Van der Merwe and Adam

Dystocia (B 3)

Heidelberg: dr. Albert van Zyl

Dystocia (B 3)

Vredenburg: dr. Izak Rust

Dystocia (B,O 3) Advise farmers to have their calving and lambing periods not later than June as foetuses become too large due to good grazing conditions.

Wellington: dr. William van Zyl

Dystocia (C 2)

Northern Cape

Kathu: dr. Jan Vorster

Dystocia (B 2)

Metritis (Infection of the uterus)

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

Mpumalanga

Ermelo: dr. Ben Potgieter

Metritis (B 1)

Standerton: dr. Frikkie Nel

Metritis (B 3) especially in dairy cows – stress related.

Gauteng

Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut

Metritis (B 1)

Free State

Ficksburg: dr. Woody Kotzé

Metritis (B,O 1)

Frankfort: dr. Dries Lessing

Metritis (B 2)

Heilbron: dr. Piet van Zyl

Metritis (B 2) 8 dairy cows that did not conceive had pure cultures of *Trueperella pyogenes*. Autogenous vaccine given every 6 months showed good efficacy.

Hertzogville: drs. Hendrikz and Naudé

Metritis (B 2)

Viljoenskroon: dr. Johan Kahts

Metritis (B 2)

KwaZulu-Natal

Creighton: drs. Carr and Myles

Metritis (B 3)

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

Metritis (B 3)

Howick: dr. Stephen Hughes

Metritis (B 2)

Mtubatuba: dr. Trever Viljoen

Metritis (B 2)

Underberg: drs. Collins, King and Delaney

Metritis (B 2) due to metabolic and feeding problems.

Western Cape

Beaufort West: drs. Pienaar and Grobler

Metritis (C 2)

Darling: drs. Van der Merwe and Adam

Metritis (B 3) All a year problem with peaks in warm summer months and rainy winter months. An ongoing problem with significant effects on the post partum cow.

George: drs. Strydom, Truter and Pettifer

Metritis (B 2)

Malmesbury: dr. Otto Kriek

Metritis (B 3) Mud is a huge problem on some farms leading to respiratory disease and metritis.

Northern Cape

Kathu: dr. Jan Vorster

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	2	2	1		3	8	1	3	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	2	1		2	2	1	2	
Species affected	B	B,C	B		B	B,O	B	B	

Mpumalanga

Standerton: dr. Frikkie Nel

Retained placenta (B 2)

Volksrust: dr. André Visser

Retained placenta (B 1)

Gauteng

Bronkhorstspuit: drs. De Bruin, de Bruin and Rudolph

Retained placenta (B 1)

Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut

Retained placenta (B,C 3)

Limpopo

Modimolle: dr. Henk Visser

Retained placenta (B 1)

Free State

Bultfontein: dr. Santjie Pieterse

Retained placenta (B 1)

Frankfort: dr. Dries Lessing

Retained placenta (B 3)

Hoopstad: dr. Kobus Pretorius

Retained placenta (B 3)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Retained placenta (B,O 1)

Creighton: drs. Carr and Myles

Retained placenta (B 2)

Dundee: dr. Jacque Marais

Retained placenta (B 1)

Dundee: dr. Tony Grace

Retained placenta (B 2)

Mooi River: drs. Fowler, Hartley, Mallett and Waterman

Retained placenta (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Retained placenta (B 2)

Pongola: dr. Heinz Kohrs

Retained placenta (B 1)

Underberg: drs. Collins, King and Delaney

Retained placenta (B 3)

Eastern Cape

Alexandria: dr. Johan Olivier

Retained placenta (B 1)

Western Cape

Darling: drs. Van der Merwe and Adam

Retained placenta (B 3)

George: drs. Strydom, Truter and Pettifer

Retained placenta (B 2)

Malmesbury: dr. Otto Kriek

Retained placenta (B 2)

Prolapses

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		
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,O	B	B		

North West

Schweizer-Reneke: dr. N.J.Heyns

Prolapses (B 3) due to straining with too large calves been born, prolapses occurred.

Free State

Villiers: drs. Hattingh and Hauptfleisch

Prolapses (B,O 2)

KwaZulu-Natal

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

Uterine and cervical prolapse (B 2)

Mtubatuba: dr. Trevor Viljoen

Cervico-vaginal prolapse (B 2)

Pongola: dr. Silke Pfitzer

Uterine prolapse (B 1)

Underberg: drs. Collins, King and Delaney

Prolapses (B 3)

Eastern Cape**Uitenhage: dr. Riaan Mulder**

Uterine prolapses (B 2)

Navel infections

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

Free State**Hertzogville: drs. Hendrikz and Naudé**

Navel infections (C 1)

Hoopstad: dr. Kobus Pretorius

Navel infections (B,O 1)

Villiers: drs. Hattingh and Hauptfleisch

Navel infection (O 1)

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

Navel infections (B 2)

Underberg: drs. Collins, King and Delaney

Navel infections (B 1)

Joint-ill/Arthritis

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

North West**Swartruggens: dr. Roselle Hartwigen**

Arthritis (B 1)

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

Arthritis (B 1)

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

Arthritis (B 1)

Pietermaritzburg: dr. Phillip Kretzmann

Arthritis (B 2)

Western Cape

Malmesbury: dr. Otto Kriek

Arthritis (B 1)

Mastitis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	1			1	4	9		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	1			1	2	2		2	
Species affected	B			B	B,O	B,O		B,O	

Mpumalanga

Nelspruit: dr. André Beytell

Mastitis (B 1)

North West

Christiana: dr. Pieter Nel

Mastitis (B 1)

Free State

Clocolan: dr. Liezel Wasserman

Mastitis (B 2)

Frankfort: dr. Dries Lessing

Mastitis (B 2)

Hertzogville: drs. Hendrikz and Naudé

Mastitis (O 2)

Viljoenskroon: dr. Johan Kahts

Mastitis (B 1)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Mastitis (B 1)

Creighton: dr. Graham Carr

Mastitis (B 3)

Dundee: dr. Jacque Marais

Mastitis (B 2)

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

Mastitis (B 2)

Mooi River: drs. Fowler, Hartley, Mallett and Waterman

Mastitis (B 3)

Mtubatuba: dr. Trever Viljoen

Mastitis (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Mastitis (B,O 3)

Pongola: dr. Heinz Kohrs

Mastitis (B 2)

Underberg: drs. Collins, King and Delaney

Mastitis (B 2)

Western Cape

Beaufort-West: drs. Pienaar and Grobler

Mastitis (O 1)

Bredasdorp: drs. Lategan, Wessels and Wessels

Mastitis (B 1)

Darling: drs. Van der Merwe and Adam

Mastitis (B 3) Following heavy rains with intermittent sunny days, outbreaks of *E. coli* mastitis have occurred. More common in herds not housed however housed herds also experiencing a high incidence of cases.

George: drs. Strydom, Truter and Pettifer

Mastitis (B 3) this is an ongoing problem.

Malmesbury: dr. Otto Kriek

Mastitis (B 2)

Foot rot and lameness

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

Mpumalanga

Standerton: dr. Frikkie Nel

Lameness (B,O 3)

Gauteng

Pretoria: dr. Hanneke Pienaar

Lameness (O 2)

North West

Christiana: dr. Pieter Nel

Lameness (B 3)

Free State

Bultfontein: dr. Santjie Pieterse

Lameness (B 3)

Clocolan: dr. Liezel Wasserman

Lameness (B 2)

Hertzogville: drs. Hendrikz and Naudé

Lameness (B 2)

Hoopstad: dr. Kobus Pretorius

Lameness (B 1)

KwaZulu-Natal

Pietermaritzburg: dr. Phillip Kretzmann

Lameness (B,O 2)

Pongola: dr. Heinz Kohrs

Lameness (B 1)

Eastern Cape

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

Lameness (B 3)

Western Cape

Darling: drs. Van der Merwe and Adam

Foot rot (O 3) Following heavy rains outbreaks of footrot, caused by *Dichelobacter nodosus* or *Fusobacterium necrophorum*, appear especially in the early spring months. Typically formalin or zinc sulphate footbaths can be used for prevention. The disease causes significant economic losses and the incidence of the disease in the area seems to be increasing.

George: drs. Strydom, Truter and Pettifer

Lameness (B 1)

Malmesbury: dr. Otto Kriek

Lameness (B 2)

Vredenburg: dr. Izak Rust

Foot rot (O 3) in sheep after they have been on Medics for two weeks.

Bloat

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

Heilbron: dr. Piet van Zyl

Bloat (B 2) Feedlot reduces roughage in ration. Animals bloat and initial diagnosis by feed company is blackleg.

Western Cape

Malmesbury: dr. Otto Kriek

Bloat (B 2) On two farms mortalities occurred in cattle on Medix due to bloat. On one farm cattle over ate themselves after a period of cold, windy, wet weather. On the other farm cattle were kraaled for the whole day and when they were released they also over ate themselves. Recommendation is to manage the grazing and to supply tasty roughage with the pasture after a period of no-grazing.

Diarrhoea

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

Mpumalanga

Middelburg: drs. Fourie and Barkhuizen

Diarrhoea (B 3)

Standerton: dr. Frikkie Nel

Diarrhoea (B,O 2)

Limpopo

Polokwane: dr. Gavin Watson

Diarrhoea (B 1)

North West

Christiana: dr. Pieter Nel

Diarrhoea (B 3)

Free State

Bultfontein: dr. Santjie Pieterse

Diarrhoea (B 2)

Hoopstad: dr. Kobus Pretorius

Diarrhoea (B 3) all that is green in our area is tulip and slangkop type of plants. Young animals and animals brought into an area get diarrhoea.

Villiers: drs. Hattingh and Hauptfleisch

Diarrhoea (B 1)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd and Robyn Hamman

Diarrhoea (O 1)

Creighton: drs. Carr and Myles

Diarrhoea (B 1)

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

Diarrhoea (B 2)

Mtubatuba: dr. Trever Viljoen

Diarrhoea (B,C 2)

Pietermaritzburg: dr. Phillip Kretzmann

Diarrhoea (B,O 3)

Pongola: dr. Heinz Kohrs

Diarrhoea (C 2)

Underberg: drs. Collins, King and Delaney

Diarrhoea (B 3)

Eastern Cape

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

Diarrhoea (O 2)

Western Cape

Darling: drs. Van der Merwe and Adam

Diarrhoea (B 3)

George: drs. Strydom, Truter and Pettifer

Diarrhoea (B 3) Usually a problem this time of the year due to new grazing, climate and stress etc.

Malmesbury: dr. Otto Kriek

Diarrhoea (B 3) In calves colostral management is not always optimal. In adult cattle sand was found in the silage and in one case the food mixer was not cleaned properly resulting in mould growing in residues.

Eye infection/Ophthalmia/Kerato-conjunctivitis

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

Mpumalanga

Lydenburg: dr. Gustav Trümpelmann

Ophthalmia (B 3) flies increasing.

Nelspruit: dr. André Beytell

Ophthalmia (C 1) in Boergoat rams. As these rams were of high value they were treated systemically with an oxytetracycline and an anti-inflammatory drug. A good reaction on treatment was obtained.

Standerton: dr. Frikkie Nel

Ophthalmia (B,O 1)

Gauteng

Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut

Ophthalmia (B 1)

Pretoria: dr. Hanneke Pienaar

Ophthalmia (O 2)

Limpopo

Polokwane: dr. Gavin Watson

Ophthalmia (B 1)

North West

Christiana: dr. Pieter Nel

Ophthalmia (B,O 3)

Leeudoringstad: dr. Ian Jonker

Ophthalmia (B 3)

Free State

Bultfontein: dr. Santjie Pieterse

Ophthalmia (B 1)

Hertzogville: drs. Hendrikz and Naudé

Ophthalmia (B 3) Many cattle with with keratoconjunctivitis – dry, dusty and windy conditions aggravating the situation.

Villiers: drs. Hattingh and Hauptfleisch

Ophthalmia (B,O 2)

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen

Ophthalmia (B,C 2)

Pongola: dr. Heinz Kohrs

Ophthalmia (C 1)

Eastern Cape

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

Ophthalmia (B 2)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Ophthalmia (O 3) Numerous telephonic reports were received. This disease occurs in the winter and dry periods due to dusty conditions and vitamin A deficiencies. *Moraxella bovis* was cultured from 4 sheep with eye infection. The Pink eye vaccine was then recommended.

Malmesbury: dr. Otto Kriek

Ophthalmia (B 1)

Abscesses

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

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

Abscesses (C 3)

Ermelo: dr. Ben Potgieter

Abscesses (B,O 1)

Standerton: dr. Frikkie Nel

Abscesses (B,O 3) due to Trueperella and other organisms. Picked up abscesses in udders of ewes with sonar.

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

Abscesses (B,C 2)

Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut

Abscesses (B,C 1)

Free State**Bultfontein: dr. Santjie Pieterse**

Abscesses (B 2)

Frankfort: dr. Dries Lessing

Abscesses (B,O 3)

Harrismith: drs. Thirion, Nel and Pretorius

Abscesses (O 1)

Hertzogville: drs. Hendrikz and Naudé

Abscesses (O 3)

Reitz: dr. Murray Smith

Abscesses (O 1)

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

Abscesses (B 1)

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

Abscesses (B 2)

Pongola: dr. Heinz Kohrs

Abscesses (B 1)

Eastern Cape

Graaff-Reinet: dr. Roland Larson

Abscesses (C 2)

Western Cape

Malmesbury: dr. Otto Kriek

Abscesses (B 1)

Pneumonia

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	6	3	2	1	10	9	2	4	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2	2	2	3	3	2	3	3	
Species affected	B,O,C	B,O,C	B	B,O	B,O	B	B,O	B,O	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Pneumonia (B,O,C 3) numerous mortalities. Large differences in temperatures play a huge role in the occurrence of respiratory disease.

Bethal: dr. Hardus Pieters

Pneumonia (O 2)

Middelburg: drs. Fourie and Barkhuizen

Pneumonia (B 2)

Nelspruit: dr. André Beytell

Pneumonia (B 2)

Standerton: dr. Frikkie Nel

Pneumonia (B 3) Dairy calves and feedlot steers, severe wind with dusty conditions.

Volksrust: dr. André Visser

Pneumonia (O 1)

Gauteng

Bronkhorstspuit: drs. De Bruin, de Bruin and Rudolph

Pneumonia (B,O,C 3)

Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut

Pneumonia (B,O 2) Outbreak of pneumonia causing death of 5 of 10 neonatal Nguni x Bonsmara calves brought in with intention of creating a breeding herd. Concurrent coccidiosis present. Case highlights risk of buying young calves of unknown colostrum status.

Pretoria: dr. Hanneke Pienaar

Pneumonia (O 2) Mostly seen in animals kraaled where poor ventilation exist.

Limpopo

Mokopane: dr. Henk Visser

Pneumonia (B 1) Calves were transported overnight from Vryburg to a feedlot. Very cold conditions which contributed to an outbreak of bovine respiratory disease.

Polokwane: dr. Gavin Watson

Pneumonia (B 2)

North West

Christiana: dr. Pieter Nel

Pneumonia (B,O 3)

Free State

Bethlehem: dr. Henk Basson

Pneumonia (B,O 3) large differences between day and night temperatures played a big role in the occurrence of pasteurellosis.

Bultfontein: dr. Santjie Pieterse

Pneumonia (O 2)

Frankfort: dr. Dries Lessing

Pneumonia (B 3)

Harrismith: drs. Thirion, Nel and Pretorius

Pneumonia (B,O 2)

Heilbron: dr. Piet van Zyl

Pneumonia (B,O 3) *Mannheimia/Pasteurella* but mostly *P. multocida*. And *Histophilus somni*.

Autogenous vaccines effective as preventative measure.

Hertzogville: drs. Hendrikz and Naudé

Pneumonia (B,O 3) in older ewes, young feedlot calves, various ages in goats. Cold nights and warm days, difference 20°C.

Hoopstad: dr. Kobus Pretorius

Pneumonia (B,O 3) fluctuations in temperature of more than 15°C predispose to lung problems in young cattle and cattle in feedlots.

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

Pneumonia (B,O 2) due to large difference between day and night temperatures.

Viljoenskroon: dr. Johan Kahts

Pneumonia (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Pneumonia (B,O 3)

KwaZulu-Natal

Bergville: drs. Ariena Shepherd

Pneumonia (B 2)

Creighton: dr. Graham Carr

Pneumonia (B 2)

Dundee: dr. Jacque Marais

Pneumonia (B 2)

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

Pneumonia (B 2)

Howick: dr. Stephen Hughes

Pneumonia (B 3)

Mtubatuba: dr. Trever Viljoen

Pneumonia (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Pneumonia (B,O 2)

Pongola: dr. Heinz Kohrs

Pneumonia (B,C 1)

Underberg: drs. Collins, King and Delaney

Pneumonia (B 2)

Eastern Cape

Aliwal North: dr. Casper Troskie

Pneumonia (O 3) due to pasteurellosis and *Mycoplasma* in two week old twin lambs in poor condition. Ewes probably had poor colostrum.

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

Pneumonia (B 2)

Western Cape

Beaufort-West: drs. Pienaar and Grobler

Pneumonia (O 1)

Pneumonia (C 3) Numerous cases of pasteurellosis occurred in goats that had been kraaled.

Darling: drs. Van der Merwe and Adam

Pneumonia (B 3)

George: drs. Strydom, Truter and Pettifer

Pneumonia (B,O 3) Winter conditions came late and some farmers were caught unawares with the cold and wet conditions.

Malmesbury: dr. Otto Kriek

Pneumonia (B 3) Mud is a huge problem on some farms leading to respiratory disease and metritis.

Abomasal ulcus

Eastern Cape

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

Abomasal ulcus (B 1)

Nutritional deficiencies

Macro feed

Protein

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

Mpumalanga

Lydenburg: dr. Gustav Trümpelmann

Protein deficiency (O,C 3) goats and ewes abort.

Gauteng

Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut

Protein deficiency (B 2)

North West

Christiana: dr. Pieter Nel

Protein deficiency (B,O 3) Poor grazing conditions due to drought. Numerous farmers giving production licks.

Leeudoringstad: dr. Ian Jonker

Protein deficiency (B 3)

Schweizer-Reneke: dr. N.J.Heyns

Protein deficiency (B 3) due to drought conditions.

Stella: dr. Magdaleen Vosser

Protein deficiency (B 3)

Swartruggens: dr. Roselle Hartwigsen

Protein deficiency (B 3)

Free State

Clocolan: dr. Liezel Wasserman

Protein deficiency (B,O 3)

Frankfort: dr. Dries Lessing

Protein deficiency (B,O 3)

Hertzogville: drs. Hendrikz and Naudé

Protein deficiency (B 3)

Reitz: dr. Murray Smith

Protein deficiency (B ,O 3) Mostly cattle grazing on communal pastures that are affected. There is hardly any grazing left and only a few owners can afford to buy grass bales. The general opinion of farmers is that animals are not keeping their condition as well as previous years. Grazing is less nutritious. The winter was warmer than usual thus this could not be contributing to the weight loss. With rain not falling it is forecasted that conception figures in the coming breeding season are going to be lower. Some producers have already decided to postpone the breeding season for a few months.

Villiers: drs. Hattingh and Hauptfleisch

Protein deficiency (B,O 2)

KwaZulu-Natal

Howick: dr. Stephen Hughes

Protein deficiency (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Protein deficiency (B 3)

Underberg: drs. Collins, King and Delaney

Protein deficiency (B 3)

Eastern Cape

Aliwal North: dr. Casper Troskie

Protein deficiency (B,O 3) leading to poor immunity.

Northern Cape

Kathu: dr. Jan Vorster

Protein deficiency (B 3) Cattle in poor condition due to drought conditions in the Kalahari

Energy

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	3	1		5	6	6	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		3	3	3	3		3
Species affected	B,O,C	B		B,O	B,O	B	B,O		B

Mpumalanga

Middelburg: drs. Fourie and Barkhuizen

Energy deficiency (B,O 3) we are at present in the “killing season” on the Highveld. There is no wonder drug that is going to improve the condition of the animal. The use of high urea winer licks should be decreased 6 weeks before the mating season. Change to a production lick. The increased calving percentage will carry the extra cost.

Standerton: dr. Frikkie Nel

Energy deficiency (B,O 3)

Volksrust: dr. André Visser

Energy deficiency (B,C 2)

Gauteng

Onderstepoort: drs. Gratwick, Shakespeare, Harmse, Carrington and Blignaut

Energy deficiency (B 2)

North West

Christiana: dr. Pieter Nel

Energy deficiency (B,O 3) Poor grazing conditions due to drought. Numerous farmers giving production licks.

Leeudoringstad: dr. Ian Jonker

Energy deficiency (B 3)

Schweizer-Reneke: dr. N.J.Heyns

Energy deficiency (B 3) due to drought conditions.

Stella: dr. Magdaleen Vosser

Energy deficiency (B 3)

Swartruggens: dr. Roselle Hartwigsen

Energy deficiency (B 3)

Free State

Clocolan: dr. Liezel Wasserman

Energy deficiency (B,O 3)

Frankfort: dr. Dries Lessing

Energy deficiency (B,O 3)

Hertzogville: drs. Hendrikz and Naudé

Energy deficiency (B 3)

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

Energy deficiency (B,O 3) due to poor grazing conditions.

Viljoenskroon: dr. Johan Kahts

Energy deficiency (B,O 3) Veld condition very poor and maize fields have been utilized.

Villiers: drs. Hattingh and Hauptfleisch

Energy deficiency (B,O 2)

KwaZulu-Natal

Creighton: drs. Carr and Myles

Energy deficiency (B 2)

Dundee: dr. Tony Grace

Energy deficiency (B 2)

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

Energy deficiency (B 2) in first calvers in seasonal dairy herds.

Howick: dr. Stephen Hughes

Energy deficiency (B 3)

Pietermaritzburg: dr. Phillip Kretzmann

Energy deficiency (B 3)

Underberg: drs. Collins, King and Delaney

Energy deficiency (B 3)

Eastern Cape

Alexandria: dr. Johan Olivier

Energy deficiency (B 3) Pastures nutritional quality decreased due to bergwind conditions and animals lost condition from the middle of June. Pregnancy examinations confirmed that fertility decreased as seen from AI's done from the middle of June. Milk production dropped as well at the same time. Remediating measures have been put into place by good managers.

Aliwal North: dr. Casper Troskie

Energy deficiency (B,O 3)

Northern Cape

Kathu: dr. Jan Vorster

Energy deficiency (B 3) Cattle in poor condition due to drought conditions in the Kalahari

Phosphate

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

North West

Christiana: dr. Pieter Nel

Phosphate deficiency (B,O 3)

Free State

Clocolan: dr. Liezel Wasserman

Phosphate deficiency (B,O 3)

Northern Cape

Kathu: dr. Jan Vorster

Phosphate deficiency (B 2) Phosphate supplementation absolutely necessary in the area. Deficiencies occur where farmers do not supplement phosphate.

Calcium

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

Mpumalanga

Standerton: dr. Frikkie Nel

Calcium deficiency (B 2)

Volksrust: dr. André Visser

Calcium deficiency (B 2)

North West

Christiana: dr. Pieter Nel

Calcium deficiency (O 1)

Free State

Ficksburg: dr. Woody Kotzé

Calcium deficiency (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Calcium deficiency (O 2)

KwaZulu-Natal

Creighton: drs. Carr and Myles

Calcium deficiency (B 3)

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

Calcium deficiency (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Calcium deficiency (B 3)

Underberg: drs. Collins, King and Delaney

Calcium deficiency (B 3)

Eastern Cape

Alexandria: dr. Johan Olivier

Calcium deficiency (B 3)

Tsitsikamma: drs. Hoek and McFarlane

Calcium deficiency (B 3) Dry cows followed milking cows two weeks ago on ryegrass where they do a lot of slurry spreading. Dry cows on maize silage after that but farmer didn't feed his cows anionic salts. About ten deaths in a week from various causes including milkfever, metritis, broken hip, downer etc. Blood was taken from about ten fresh cows post calving. Only one cow had a normal calcium level post calving. Pasture that they were on was probably very high in potassium causing the present problems. Supplemented cows with parenteral calcium for a week or two. Suspect subclinical hypocalcaemia was the main reason for other problems.

Magnesium

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

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

KwaZulu-Natal

Pietermaritzburg: dr. Phillip Kretzmann

Copper deficiency (B 2)

Underberg: drs. Collins, King and Delaney

Copper deficiency (B 3)

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	2			2		2	2		
Species affected	B			O		B	C		

Mpumalanga

Piet Retief: drs. Weber and Niebuhr

Selenium deficiency (B 2)

North West

Christiana: dr. Pieter Nel

Selenium deficiency (O 2)

KwaZulu-Natal

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

Selenium deficiency (B 2)

Howick: dr. Stephen Hughes

Selenium deficiency (B 2)

Underberg: drs. Collins, King and Delaney

Selenium deficiency (B 3)

Eastern Cape

Graaff-Reinet: dr. Roland Larson

Selenium deficiency (C 2) 15 abortions in a flock of 350 Boergoat ewes. Diagnosis confirmed with low selenium levels.

Zinc

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			

KwaZulu-Natal

Underberg: drs. Collins, King and Delaney

Zinc deficiency (B 3)

Molibdinum

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

Vitamin A

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

North West

Christiana: dr. Pieter Nel

Vitamin A deficiency (B,O 3)

Free State

Villiers: drs. Hattingh and Hauptfleisch

Vitamin A deficiency (B 1)

KwaZulu-Natal

Dundee: dr. Tony Grace

Vitamin A deficiency (B,O,C 3)

Pietermaritzburg: dr. Phillip Kretzmann

Vitamin A deficiency (B 3)

VitaminB 1 deficiency

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

Wellington: dr. William van Zyl

Vitamin B 1 deficiency (O 2)

Metabolic diseases

Anion / cation imbalance

Domsiekte (Pregnancy toxemia)

Mpumalanga

Nelspruit: dr. André Beytell

Ketosis (C 1) Ewes with twins – no extra nutrition (energy) was supplemented to heavy pregnant ewes.

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

Domsiekte: Numerous telephonic reports from farmers having domsiekte in their ewes due to energy deficiency. Advised farmers to give their ewes energy licks.

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

Milk fever (O 1) One outbreak in sheep. Good weather conditions followed by sudden cold. Sheep go down with subnormal temperatures. React well to intra venous calcium supplementation.

Eastern Cape**Uitenhage: dr. Riaan Mulder**

Milk fever (B 3)

Western Cape**Vredenburg: dr. Izak Rust**

Milk fever(B 3) the feeding vehicle delivering the ration plus anion salts were not functioning properly and cows did not receive sufficient salts.

Magnesium staggers**Eastern Cape****Uitenhage: dr. Riaan Mulder**

Magnesium staggers (B 3)

Other conditions**Left (LDA) and right displaced abomasum (RDA)****KwaZulu-Natal****Creighton: drs. Carr and Myles**

LDA's and RDA's (B 3)

Underberg: drs. Collins, King and Delaney

LDA's Poor transition rations and dry cow management

Management

KwaZulu-Natal

Dundee: dr. Tony Grace

Nutritional deficiencies (B,O,C 3) Insufficient licks, vitamin A and additional feed given.

Cold

Eastern Cape

Uitenhage: dr. Riaan Mulder

Lamb mortalities due to cold weather and maybe due to a lack of sufficient milk as ewe's teats were damaged by ticks.

Veld fires

Mpumalanga

Middelburg: drs. Fourie and Barkhuizen

Fires (B 3) The effect of veldfires is catastrophic. Animals are killed, are mutilated and calves are unable to suckle on burnt teats.

Free State

Bethlehem: dr. Henk Basson

Burn wounds (B,O 3)

Game

Mpumalanga

Nelspruit: dr. Derik Venter

Ringworm – 3 buffalo, young yeifers, just weaned, usually self limiting.

Energy deficiency (3) various game species. See a lot during this time of the year

Intensive game farms usually supplement good lucern but neglect to supplement energy. Closely linked with pneumonia after a cold spell or out-of-season rains.

Phosphate deficiency – 3 giraffe and impala. Animals are seen chewing on bones and very often bone fragments are found in the forestomachs of various ruminants at *post mortems*.

Abortion in a buffalo

Retained afterbirth in a buffalo

Pneumonia (3) in various game species

Ophthalmia in a nyala

Abscesses (2) in sable

KwaZulu-Natal

Dundee: dr. Tony Grace

BMC (1) Free ranging buffalo in poor condition was shot by owner, granulomatous intestinal lesions found on PM. Histopathology and PCR identified wildebeest associated BMC.

Mtubatuba: dr. Trever Viljoen

Bont ticks (2)

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Horses

KwaZulu-Natal

Mooi River: drs. Fowler, Hartley, Mallett and Waterman

Intestinal roundworms (E 3)

Resistant roundworms (E 3)

Tapeworms (E 3)

Blowflies (E 1)

Mtubatuba: dr. Trever Viljoen

Nuisance flies (E 2)

Ophthalmia (E 2)

Practices that had nothing to report

Eastern Cape

Feedlot report

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

Sheep feedlots:

Urolithiasis is a common occurrence this time of the year. Probably grazing conditions and licks given are contributing factors and many losses are seen due to this condition.

Pneumonia cases were few in spite of fluctuating weather conditions. **Dust** plays a major role this time of the year in the occurrence of respiratory disease.

Mortalities due to **trauma** during transport usually occur in weak and lighter lambs in a group.

Adaptation problems with mortalities due to acidosis, enteritis and blood gut are problems usually seen in lambs in poor condition arriving at feedlots.

Mortality due to **pulpy kidney** is an ongoing problem in lambs that were not vaccinated against this disease at farm level. Arriving at the feedlot they are on a higher plane of nutrition for which they are not adapted to and this induces *Clostridium perfringens* D to multiply. Lambs that received creep feed on the farm are better adapted to nutrition in feedlots.

Cattle feedlots:

Cattle arriving at feedlots from poor grazing conditions struggle to adapt and also have **mineral deficiencies**. Many deaths occurred in animals that arrived in **poor condition**. The **rumen flora** of cattle that had been on poor grazing, had changed so much that it takes a long period to **adapt** even on weak rations. Some animal's condition deteriorate even further as the animal has no reserves. The animal is not able to absorb enough nutritional substances from the ration due to the atrophy that has taken place in the gastro-intestinal tract.

Many problems are encountered in especially lighter calves such as **pneumonia** and many succumb. On examination it is also established that **permanent infected calves (PI)** with the **BVD** virus were present. These calves shed the BVD virus on a permanent basis. This shedding of BVD virus not only occur in feedlots but also on the grazing during backgrounding. **Fluctuating temperatures** played a role in losses due to bovine respiratory disease.

Tick born diseases occurred throughout the winter period.

Some C-grade cattle in weak condition that arrived at feedlots struggled to adapt, weakend and died. Some went down in trucks during transport and succumbed as a result of injury.

Mortalities due to acidosis and red gut were common especially in areas where the wind blew a lot during the day.

One case of TB was diagnosed during slaughter at an abattoir but the source of the animal could not be established as the animal had been bought at a sale. If such a young animal had already been infected one would expect that the TB infection in that particular herd should be very high. Farmers should take cognisance of the dangers of TB and Brucella infection in a herd and what consequences this may have.

Laboratory reports

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

LHPG January, 2013 from IDEXX Laboratories

IDEXX Laboratories, August 2013

August was a quiet month, except for the start of the *Brucella* abortion season [4 cases]. One of the cases was from a calf that lived for a day or two, but was obviously weak, as it died from *Klebsiella pneumoniae* septicaemia.

Purulent conditions in cattle and sheep yielded 4 cases of *C. pseudotuberculosis* in sheep and a goat, and *T. pyogenes* in cattle, sheep and a goat [6 cases]. Mastitis yielded *S. aureus* from a cow, and *S. intermedius* from a sheep. The Blue Udder vaccine does not protect sheep against *S. intermedius*, only against *S. aureus*.

A pig with greasy pig disease yielded *Staphylococcus hyicus*, and a septicaemic one *Actinobacillus suis*.

Mannheimia haemolytica was isolated from pneumonia in cattle, sheep and a goat [4 cases].

IDEXX laboratories, August 203

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

Disease condition	Specie	Rate
Intestinal roundworms	Game	2
Lungworm	Game	2
Blue ticks	B,E	2
Heartwater	B,O,C	2
Swelled head	B	1
Botulism	Game	1
Pulpy kidney	O	1
Salmonellosis	B	1
Brucellosis	B	2
Johnes disease	O	2
Coxiella abortion	C	1
Enzootic abortion	O	1
Snotsiekte	B	2
IBR	B	1
Coccidiosis	O,Game	2
Abortions	B,O,C	3
Metritis	O	1
Mastitis	B	1
Navel infection	B	1
Pneumonia	B,O,Game	3
Diarrhoea	B,O	2
Ophthalmia	B	2

Monthly Pathcare Vetlab report – Cape Town (August 2013) submitted by dr. Lucy Lange

Disease condition	Specie	District	Remarks
<i>Pneumonia/Pasteurella</i>	Cattle	Boland	
Hepatotoxicosis	Cattle	Boland, Free State	
<i>Campylobacter</i>	Cattle	Country wide	Confirmed with PCR
<i>Tritrichomonas</i>	Cattle	Country wide	Confirmed with PCR
Lung abscesses	Cattle	Southern Cape	
Coccidiosis	Cattle	Southern Cape	
Limfosarcoma	Cattle	Boland	
Fibropapilloma	Cattle	Namibia	
Fibrosarcoma	Horses	Free State	
Sarcoid	Horses	Boland	
Squamous cell carcinama	Horses	Namibia	

Necrotic placentitis	Horses	Southern Cape	
Necrotic gastritis	Horses	Southern Cape	
Hipoproteinaemia	Skape	West Coast, Namibia	Numerous causes: parasites and nutrition
Pneumonia/ <i>Pasteurella</i>	Skape	Southern Cape	
Pulpy kidney	Skape	Country wide	
Hepatotoxicosis	Skape	Southern Cape	
Coccidiosis	Skape	Southern Cape	
Enteritis	Skape	Boland	Cause not determined
<i>Coxiella</i>	Skape	West Coast	Abortions
Distemper	Honde	Namibia	
Pneumonia	Varke	Boland, Vereeniging	
Hipoproteinaemia	Buffalo	Kimberley	
Hipoproteinaemia	Sable	Kimberley	

**Monthly report (August 2013) by dr J.H.Vorster , Veterinary Pathologist
Vetdiagnostix Veterinary Pathology Services Pty Ltd, Pietermaritzburg.**

SPECIES	AREA	DIAGNOSIS
BOVINE	KZN	<i>Pasteurella multocida</i> pneumonia
BOVINE	KZN	<i>Trueperella pyogenes</i> abscessation
BOVINE	EASTERN CAPE	<i>Cestrum</i> sp poisoning
BOVINE	KZN	<i>E. coli</i> mastitis
BOVINE	KZN	<i>E. coli</i> septicaemia
BOVINE	NORTH WEST	<i>Histophilus somni</i> abortion
BOVINE	KZN	<i>Pseudomonas aeruginosa</i> otitis/septicaemia
BOVINE	WESTERN CAPE	Enteritis – <i>E. coli</i>
BOVINE	EASTERN CAPE	Enteritis – <i>Clostridium perfringens</i>
OVINE	WESTERN CAPE	Orfvirus
OVINE	WESTERN CAPE	Coccidia, <i>M. expansa</i> , Strongyle-type nematodes
OVINE	WESTERN CAPE	Lymphoma
CAPRINE	WESTERN CAPE	Caprine papillomatosis

BOVINE	FREE STATE	Abortion – <i>Staphylococcus aureus</i>
PORCINE	KZN	Oedema disease
PORCINE	EASTERN CAPE	Oedema disease
PORCINE	LIMPOPO	<i>Clostridium novyi</i> septicaemia
PORCINE	KZN	APP
PORCINE	LIMPOPO	<i>E. coli</i> meningitis
EQUINE	KZN	Urticaria
EQUINE	KZN	Ionophore (monensin) poisoning