

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

March 2013

Introduction and summary of diseases and other conditions during March 2013

In the summer rainfall area numerous reports were received of **wireworm infestations**. This internal parasite sucks blood and symptoms in sheep and goats are anaemia (pale mucous membranes) bottle jaw and deaths. As this parasite may be **resistant** to various of the anthelmintic groups farmers should consult their veterinarian on how to control this parasite and to implement an integrated control program on the farm. With cooler weather in autumn farmers should be aware of **bankruptworm infestations**. Regular egg counts will help you to diagnose this problem.

Before putting animals in vleis to graze make sure that your animals are not harbouring **liver fluke** as their eggs will hatch and infect the intermediate hosts (water snails) which will get the life cycle of liver fluke going. Discuss control programmes with your veterinarian.

Remember **conical fluke** may also catch you unaware as they also need water snails as intermediate hosts. Symptoms are usually a projectile diarrhoea seen two to three weeks after animals are moved into areas where there are water sources.

Diseases transmitted by **ticks** and **insects** were still **rife**. Examples are **African and Asiatic red water, anaplasmosis, lumpy skin disease and blue tongue**. Now is the time to discuss and update your vaccination programme against these diseases with your veterinarian. Remember to place your order for vaccines well in advance as vaccines are usually out of stock when disease outbreaks occur.

The first cases of Karoo paralysis have been reported. Cold spells seem to be earlier this year which is a trigger for this disease. Remember that dipping the animals with an **amidine** detaches ticks immediately.

If you have not tested the blue ticks on your farm for **resistance to acaricides** now is the time so that you can plan which groups to use during the next tick season. These **groups** are: Organophosphates, amidines, pyrethroids, macrocyclic lactones and acaricide growth regulators. Discuss your control program with your veterinarian so as to **prevent selection for resistance** and to ensure **enzootic stability** against tick borne diseases.

As we are now going into winter and food becomes scarce some of you will be feeding **chicken litter**. Have you vaccinated your cattle against **botulism**? Remember that you have to give **boosters** as this vaccine contains a toxoid. Make sure that all water troughs are examined regularly to see if there are e.g. no dead birds or rats in the water which may contain the deadly toxin. Bales may also contain small carcasses.

With big fluctuations between day and night temperatures and dusty conditions,

outbreaks of pneumonia occurred in sheep and cattle. Vaccines against ***Mannheimia haemolytica*, *Pasteurella multocida*, parainfluenza 3, infectious bovine rhinotracheitis (IBR), bovine viral diarrhoea (BVD) and bovine respiratory syncytial virus (BRSV)** are available. Contact your veterinarian for advice when to use these vaccines.

From the reports it is clear that **biosecurity** measures are not up to standard. Animals infected with **brucellosis, trichomonosis, vibriosis, enzootic bovine leukosis, sheep scab and abscesses** are still brought into the herd without making sure animals are disease free. It is imperative that you discuss and implement biosecurity measures with the help of your veterinarian.

Have you had your veterinarian do pregnancy examinations on your female animals? This is where diseases, fertility problems and vaccination schedules are discussed. Heifers are screened for pelvis measurements to prevent calving problems

It is a good practice to see to it that **fences** and **gates** are in good order to prevent animals with diseases to infect your animals.

Of great concern is the number of mortalities reported due to **bovine malignant catarrh** (snotsiekte). Remember wildebeest and cattle should be separated at least one kilometer from each other. Wildebeest seem to pass the virus on when they are under stress - when they calve or when the young are weaned.

The following **poisonings** were reported: **Urea, Lantana, prussic acid, Amaranthus (nitrate), stootsiekte (*Cotula nigellifolia*), *Cynanchum* (monkey rope), *Thesium* (witstorm), onion and lupin.**

If an animal dies or there is a disease outbreak it is so important to get a diagnosis and attached is a web address where you may find more information on this topic.

<http://www.landbou.com/kundiges/vra-vir-faffa/maak-korrekte-diagnose>

Level of Reporting

The following veterinarians submitted reports for March 2013:

Mpumalanga

Dr. Louis van Jaarsveld – Balfour
Dr. Gert Oosthuizen – Ermelo
Dr. Gustav Trümpelmann – Lydenburg
Drs. Neil Fourie and Johan Barkhuizen - Middelburg
Dr. André Beytell – Nelspruit
Dr. Kobie Kroon - Standerton
Dr. André Visser – Volksrust

Limpopo

Dr. Henk Visser - Mokopane

Dr. Hampie van Staden – Vaalwater

North West

Dr. Pieter Nel – Christiana
Dr. Ian Jonker – Leeudoringstad
Dr. Magdaleen Vosser - Stella

Free State

Drs. Basson, Strydom and Strydom - Bethlehem
Dr. Liezel Wasserman – Clocolan
Dr. Woody Kotzé - Ficksburg
Drs. Pretorius, Thirion and Nel – Harrismith
Dr. Kobus Pretorius – Hoopstad
Drs. Daffue, Eksteen, Van Zyl and Van der Walt - Kroonstad
Dr. Johan Wessels – Parys
Dr. Murray Smith – Reitz
Dr. Johan Kahts – Viljoenskroon
Drs. I. Hattingh and W.D. Hauptfleish – Villiers
Dr. Eddie Albertyn – Winburg
Dr. P.P Brandt - Zastron

KwaZulu-Natal

Dr. Ariena Shepherd and Robyn Hamman – Bergville
Dr. Graham Carr – Creighton
Dr. Tony Grace – Dundee
Drs. Brand Anema and Jacqui Marais – Dundee
Drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar - Estcourt
Dr. Stephen Hughes – Howick
Drs. Fowler, Hartley and Mallett – Mooi River
Dr. Trever Viljoen – Mtubatuba
Dr. Phillip Kretzmann – Pietermaritzburg
Dr. Silke Pfitzer – Pongola
Dr. Heinz Kohrs - Pongola
Drs. Collins, King and Delaney – Underberg

Eastern Cape

Dr. Johan Olivier – Alexandria
Dr. Frans Erasmus - Cradock
Drs. Van Niekerk, Van Vuuren and Louw – Humansdorp
Dr. Roland Larson - Graaff-Reinet
Drs. Du Preez, Godley, Klopper, Jansen van Vuuren, De Klerk and Catherine

Western Cape

Drs. Pienaar and Grobler – Beaufort-West
Dr. Ian Herbst – Caledon
M.G. Walton - Ceres
Dr. Jannie van der Merwe – Darling
Drs. Strydom, Truter, and Pettifer – George

Dr. Otto Kriek - Malmesbury
Dr. André Reitz – Plettenberg Bay
Dr. Norman Pearson - Swellendam

Northern Cape

Drs. Dirk and Lizanne de Beer - Calvinia
Dr. Jan Vorster - Kathu
Dr. Ian Vorster – Upington

Feed lot report

Drs. Shaun Morris and Eben du Preez

Laboratory reports

Dr. Marijke Henton -Idexx SA Johannesburg
Dr. Annelize Jonker – Provincial Laboratory - Stellenbosch
Dr. Liza du Plessis – Idexx SA Onderstepoort
Dr. Lucy Lange – Pathcare Cape Town
Dr. J.H. Vorster - Vetdiagnostix

Total: 58 reports

General disease trends and discussion as informally reported by veterinarians during March 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	5		1	2	11	7	3	3	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3		2	2	3	3	3	2	
Species affected	O,C		B,O	O	B,O	B,O,C	O,C	O	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Wireworm (O 3) mortalities.

Ermelo: dr. Gert Oosthuizen

Wireworm (O 3) 3 cases, up to 50 deaths in a flock.

White bankruptworm (O 3) outbreak in sheep

Nelspruit: dr. André Beytell

Roundworms (O,C 2)

Standerton: dr. Kobie Kroon

Wireworm (O 3) severe infestation seen in small stock.

Volksrust: dr. André Visser

Roundworms (O,C 2)

Limpopo

Mokopane: dr. Henk Visser

Roundworms (B,O 2)

North West

Christiana: dr. Pieter Nel

Roundworms (O 1)

Stella: dr. Magdaleen Vosser

Roundworms (O 3)

Free State

Bethlehem: drs. Basson , Strydom and Strydom

Wireworm (O 3) severe infestations.

Harrismith: drs. Pretorius, Thirion and Nel

Roundworms (O 3) Good parasite management was done during the rainy season (December to February) but thereafter control slackened. The result was increased infestation and mortalities.

Ficksburg: dr. Woody Kotzé

Round worms (B 2, O 3)

Hoopstad: dr. Kobus Pretorius

Roundworms (B,O 3)

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

Roundworms (O 2)

Parys: dr. Johan Wessels

Roundworms (O 2) Sheep introduced onto farm – previously had cattle on pasture, adjacent to a vlei. Ideal parasite environment. Explained parasite control management to the farmer.

Reitz: dr. Murray Smith

Roundworms (O 3)

Viljoenskroon: dr. Johan Kahts

Roundworms (O 3)

Villiers: drs. Hattingh and Hauptfleisch

Wireworm infestation (O,C 2)

Bankruptworm (O 1)

Winburg: dr. Eddie Albertyn

Wireworm (O 1)

Zastron: dr. P.P. Brandt

Roundworms (O 3)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Roundworms (O 3) Lambs being born onto heavily contaminated pastures on farms that haven't implemented FAMACHA and other systems – lamb losses from 1 month onwards despite regular dosing.

Dundee: drs. Anema and Marais

Wireworm (O 3)

Dundee: dr. Tony Grace

Roundworms (O,C 3)

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

Wireworm (C 3) in rural goats.

Mtubatuba: dr. Trever Viljoen

Roundworms (B,O,C 2)

Pietermaritzburg: dr. Phillip Kretzmann

Roundworms (O,C 3)

Pongola: dr. Heinz Kohrs

Roundworms (O,C 2)

Eastern Cape

Cradock: dr. Frans Erasmus

Roundworms (O 3) bankruptworm. Dry conditions.

Graaff-Reinet: dr. Roland Larson

Roundworms (O,C 3)

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Roundworms (O 3) Various new outbreaks

Western Cape

Beaufort West: drs. Pienaar and Grobler

Roundworms (O 2) Long-necked bankruptworm, bankruptworm and wireworm infestations, mostly on dry veld conditions. Farmers are not used to dose more than

twice a year. Good rainfall last year increased the parasite burdens. Outbreaks also occurred on artificial pastures where resistant parasite strains are probably the cause.

George: drs. Strydom, Truter and Pettifer

Roundworms (O 2)

Swellendam: dr. Norman Pearson

Roundworms (O 3)

Resistant roundworms

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

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Resistant roundworms (O 3) mortalities.

Ermelo: dr. Gert Oosthuizen

Resistant roundworms (O 3) severe resistance of wireworm against all groups of anthelmintics except derquantel and monepantel.

Middelburg: drs. Fourie en Barkhuizen

Resistant roundworms (O 2) a holistic strategy is needed to control roundworm resistance. A farmer last used a group 1 (macrocyclic lactone) 3 years ago. The drug controlled 40% of parasites. Advice is to use the FAMACHA management system, good grazing strategy and consult your veterinarian to assess the efficacies of the drugs to be used.

Nelspruit: dr. André Beytell

Resistant roundworms (O 1)

Standerton: dr. Kobie Kroon

Resistant roundworms (O 2) resistance to anthelmintics on the increase.

Volksrust: dr. André Visser

Resistant roundworms (O,C 2)

North West

Christiana: dr. Pieter Nel

Resistant roundworms (O 1)

Free State

Bethlehem: drs. Basson , Strydom and Strydom

Resistant roundworms (O 3) severe problems.

Clocolan: dr. Liezel Wasserman

Resistant roundworms (O 3)

Hoopstad: dr. Kobus Pretorius

Resistant roundworms (O 2)

Reitz: dr. Murray Smith

Resistant roundworms (O 1)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Resistant roundworms (O 3)

Dundee: drs. Anema and Marais

Resistant roundworms (O 3)

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

Resistant roundworms (O 3)

Eastern Cape

Graaff-Reinet: dr. Roland Larson

Resistant round worms (O 2) Control remains a challenge, both for the producer and veterinarian.

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Resistant roundworms (O 3) Various new outbreaks some having resistance to anthelmintics.

Western Cape

Beaufort West: drs. Pienaar and Grobler

Resistant roundworms (O 1)

Tapeworms

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	2			1	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			3	2	1		2	
Species affected	O,C			C	O,B	O		C	

Mpumalanga

Standerton: dr. Kobie Kroon

Tapeworms (O 3)

Volksrust: dr. André Visser

Tapeworms (O,C 2)

North West

Leeudoringstad: dr. Ian Jonker

Tapeworms (C 3)

Free State

Hoopstad: dr. Kobus Pretorius

Tapeworms (O 2)

Viljoenskroon: dr. Johan Kahts

Tapeworms (O 3)

Villiers: drs. Hattingh and Hauptfleisch

Tapeworms (O,B 2) Severe infestation in goats. Resistance to various anthelmintics. Resorantel effective in these cases.

KwaZulu-Natal

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

Tapeworms (O 1)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Tapeworms (C 2) where farmers did not treat their Angora kids, problems were encountered.

Liver fluke

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

Mpumalanga

Volksrust: dr. André Visser

Liver fluke (B,O 2)

Free State

Parys: dr. Johan Wessels

Liver fluke (B 2) Dairy farm on sound management program has beef cattle that do not always get the attention needed and livers at abattoir had liver fluke damage.

Reitz: dr. Murray Smith

Liver fluke (B,O 1)

Standerton: dr. Kobie Kroon

Liver fluke (O 3) Sheep and cattle livers condemned at the abattoir.

Villiers: drs. Hattingh and Hauptfleisch

Liver fluke (B,O 3)

KwaZulu Natal

Creighton: dr. Graham Carr

Liver fluke (B 3)

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

Liver fluke (B 3)

Eastern Cape

Alexandria: dr. Thys Potgieter

Liver fluke (B 3) Cattle with bottle jaw responds to anthelmintic treatment.

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Liver fluke (B,O 2)

Western Cape

George: drs. Strydom, Truter and Pettifer

Liver fluke (B 1)

Conical fluke (Paramphistomosis)

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

Mpumalanga

Lydenburg: dr. Gustav Trümpelmann

Conical fluke (B 2) in older animals.

FreeState

Hoopstad: dr. Kobus Pretorius

Conical fluke (O 3)

Villiers: drs. Hattingh and Hauptfleisch

Conical fluke (B 3)

KwaZulu-Natal

Pongola: dr. Silke Pfitzer

Conical fluke (B 1)

Eastern Cape

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Conical fluke (O 3)

Western Cape

Plettenberg Bay: dr. André Reitz

Paramphistomum (B 2) 5 out of a group of 30 animals showed symptoms and one died. Protein supplementation was given as grazing was poor.

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						2			
Species affected						B			

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen

Parafilaria (B 2)

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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	7	2			8	8	3	1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3	3			2	3	3	2	
Species affected	B	B,O,C			B,O,C	B	B	B	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Blue ticks (B 3) use long acting macrocyclic lactones and growth regulators to control infestation.

Ermelo: dr. Gert Oosthuizen

Blue ticks (B 2)

Lydenburg: dr. Gustav Trümpelmann

Blue ticks (B 3)

Middelburg: drs. Fourie and Barkhuizen

Blue ticks (B 3)

Nelspruit: dr. André Beytell

Blue ticks (B 2)

Standerton: dr. Kobie Kroon

Blue ticks (B 3)

Volksrust: dr. André Visser

Blue ticks (B 3)

Free State

Bethlehem: drs. Basson , Strydom and Strydom

Blue ticks (B 3)

Ficksburg: dr. Woody Kotzé

Blue ticks (B 3)

Harrismith: drs. Pretorius, Thirion and Nel

Blue ticks (B 2)

Hoopstad: dr. Kobus Pretorius

Blue ticks (B 3, O 2)

Reitz: dr. Murray Smith

Blue ticks (B,O 2)

Viljoenskroon: dr. Johan Kahts

Blue ticks (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Blue ticks (B 2)

Zastron: dr. P.P. Brandt

Blue ticks (B 2)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Blue ticks (B 3)

Creighton: dr. Graham Carr

Blue ticks (B 3)

Dundee: dr. Tony GraceEstcourt: drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar

Blue ticks (B 3)

Howick: dr. Stephen Hughes

Blue ticks (B 3)

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

Blue ticks (B 3)

Mtubatuba: dr. Trever Viljoen

Blue ticks (B 3)

Pongola: dr. Silke Pfitzer

Blue ticks (B 1)

Underberg: drs.Collins, King and Delaney

Blue ticks (B 2)

Eastern Cape

Alexandria: dr. Thys Potgieter

Blue ticks (B 3)

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Blue ticks (B 3)

Graaff-Reinet: dr. Roland Larson

Blue ticks (B 2)

Western Cape

George: drs. Strydom, Truter and Pettifer

Blue ticks (B 2)

Resistant ticks

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

Free State

Villiers: drs. Hattingh and Hauptfleisch

Resistant blue ticks (B 1)

KwaZulu-Natal

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

Resistant blue ticks (B 3)

Mtubatuba: dr. Trever Viljoen

Resistant blue ticks (B 3)

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

Mpumalanga

Volksrust: dr. André Visser

Bont-legged ticks (B 2)

Free State

Clocolan: dr. Liezel Wasserman

Bont-legged ticks (B 3)

Hoopstad: dr. Kobus Pretorius

Bont-legged ticks (B,O 3)

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

Bont-legged ticks (B,O 3)

Viljoenskroon: dr. Johan Kahts

Bont-legged ticks (B 3)

KwaZulu-Natal

Pongola: dr. Silke Pfitzer

Bont-legged ticks (B 1)

Western Cape

Swellendam: dr. Norman Pearson

Bont-legged ticks (B 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	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					B,O	B			
Species affected					3	1			

Free State

Hoopstad: dr. Kobus Pretorius

Red-legged ticks (B,O 3)

KwaZulu-Natal

Pongola: dr. Heinz Kohrs

Red-legged ticks (B 1)

Pongola: dr. Silke Pfitzer

Red-legged ticks (B 1)

Brown ear-ticks

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

Mpumalanga

Standerton: dr. Kobie Kroon

Brown ear-ticks (B 2)

Volksrust: dr. André Visser

Brown ear-ticks (B 1)

Limpopo

Mokopane: dr. Henk Visser

Brown ear-ticks (B 3)

North West

Leeudoringstad: dr. Ian Jonker

Brown ear-ticks (B 3) severe infestation.

Free State

Viljoenskroon: dr. Johan Kahts

Brown ear-ticks (B 2)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Brown ear-ticks (B 2)

Dundee: dr. Tony Grace

Brown ear-ticks (B 2) There seems to be a habit of 2-3 weekly dipping cycles, which led to the increase in brown ear-tick numbers. Good response was seen with 5/5/4 day dipping to break the cycle.

Mtubatuba: dr. Trever Viljoen

Brown ear-ticks (B 3)

Pongola: dr. Heinz Kohrs

Brown ear-ticks (B 2)

Pongola: dr. Silke Pfitzer

Brown ear-ticks (B 1)

Eastern Cape**Alexandria: dr. Thys Potgieter**

Brown ear-ticks (B 3)

Western Cape**Swellendam: dr. Norman Pearson**

Brown ear-ticks (B 2)

Bont ticks (*Amblyomma hebraeum*) Heartwater ticks

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

Mpumalanga**Nelspruit: dr. André Beytell**

Bont ticks (B 3)

Limpopo**Mokopane: dr. Henk Visser**

Bont ticks (B 1)

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

Bont ticks (B 1)

KwaZulu-Natal**Mtubatuba: dr. Trever Viljoen**

Heartwater ticks (B,O,C 3)

Pongola: dr. Heinz Kohrs

Heartwater ticks (O,C 2)

Pongola: dr. Silke Pfitzer

Heartwater ticks (B 1)

Eastern Cape**Alexandria: dr. Thys Potgieter**

Heartwater ticks (B 3)

Paralysis Ticks

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

Free State

Reitz: dr. Murray Smith

Paralysis ticks (O 2)

Villiers: drs. Hattingh and Hauptfleisch

Paralysis ticks (O 1)

Eastern Cape

Cradock: dr. Frans Erasmus

Karoo paralysis (O 3) early outbreaks due to cold spells.

Biting Lice

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

Free State

Hoopstad: dr. Kobus Pretorius

Biting lice (B 2)

Reitz: dr. Murray Smith

Biting lice (O 2)

Western Cape

Caledon: dr. Ian Herbst

Biting lice (O 1)

Sucking Lice

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

Mites (Sheep scab)

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

Species affected					O		O		O
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Free State

Hoopstad: dr. Kobus Pretorius

Sheep scab (O 1)

Reitz: dr. Murray Smith

Sheep scab (O 1)

Eastern Cape

Craddock: dr. Frans Erasmus

Sheep scab (O 1) one farm, state controlled.

Northern Cape

Calvinia: drs. Dirk and Lizanne de Beer

Sheep scab (O 3) State controlled

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

Mpumalanga

Volkstrust: dr. André Visser

Nuisance flies (B 3)

Free State

Ficksburg: dr. Woody Kotzé

Nuisance flies (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Nuisance flies (B,O 2)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Nuisance flies (B,O 2)

Dundee: dr. Tony Grace

Nuisance flies (B,O,C 3)

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

Nuisance flies (B 3) resurgence of the fly population.

Howick: dr. Stephen Hughes

Nuisance flies (B,O,E 3)

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

Nuisance flies (B 3)

Mtubatuba: dr. Trever Viljoen

Nuisance flies (B 2)

Western Cape

Swellendam: dr. Norman Pearson

Nuisance flies (B 3)

Screw-worm

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

Mpumalanga

Nelspruit: dr. André Beytell

Screw-worm (B 3)

Limpopo

Mokopane: dr. Henk Visser

Screw-worm (B 2)

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen

Screw-worm (B,C,O 3)

Blowflies

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

Free State

Nelspruit: dr. André Beytell

Blowflies (B,C 3)

Ficksburg: dr. Woody Kotzé

Blowflies (B 3)

Hoopstad: dr. Kobus Pretorius

Blowflies (O 2)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Blowflies (O 1)

Creighton: dr. Graham Carr

Blowflies (B 2)

Western Cape

Swellendam: dr. Norman Pearson

Blowflies (O 2)

Nasal bot larvae

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

Mpumalanga

Volksrust: dr. André Visser

Midges (B,O 3)

Free State

Reitz: dr. Murray Smith

Midges (B,O,E 2)

Villiers: drs. Hattingh and Hauptfleisch

Midges (O,B 3)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Midges (B,O,C 2)

Howick: dr. Stephen Hughes

Midges (B,O,C,E 3)

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

Midges (B,O,C,E 3)

Western Cape

Swellendam: dr. Norman Pearson

Midges (B,O,E 3)

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

Mpumalanga

Middelburg: drs. Fourie and Barkhuizen

African red water (B 2) this disease is often seen where farmers only vaccinate their cattle against Asiatic red water. Most cases are treated successfully. The disease occurs in calves before they are weaned. The innate resistance breaks down around 6 months of age.

Free State

Clocolan: dr. Liezel Wasserman

African red water (B 2)

Ficksburg: dr. Woody Kotzé

African red water (B 1)

Harrismith: drs. Pretorius, Thirion and Nel

African red water (B 2) About 10 outbreaks. As rainfall decreased from the second half of February, tick control measures were less intensively done. Large outbreaks of red water occurred in the second half of March.

Hoopstad: dr. Kobus Pretorius

African red water (B 1)

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

African red water (B 1)

Viljoenskroon: dr. Johan Kahts

African red water (B 2) Outbreak in young calves and abortions in cows, positive blood smears.

Villiers: drs. Hattingh and Hauptfleisch

African red water (B 3)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

African red water (B 3) Typical symptoms – deaths in young stock that were dipped too early in the year and suspect they never developed an immunity.

Creighton: dr. Graham Carr

African red water (B 1)

Dundee: drs. Anema and Marais

African red water (B 3)

Dundee: dr. Tony Grace

African red water (B 3) Sporadic outbreaks in introduced cattle.

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

African red water (B 3)

Howick: dr. Stephen Hughes

African red water (B 3)

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

African red water (B 2)

Mtubatuba: dr. Trevor Viljoen

African red water (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

African red water (B 2)

Underberg: drs. Collins, King and Delaney

African red water (B 2)

Eastern Cape

Humansdorp: drs. Van Niekerk, Jansen van Vuuren and Louw

African red water (B 2)

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

African red water (B 2)

Western Cape

Caledon: dr. Ian Herbst

African red water (B 1)

George: drs. Strydom, Truter and Pettifer

African red water (B 2)

Plettenberg Bay: dr. André Reitz

African red water (B 3) 30 out of 70 cattle had red water, 4 died. Diminazine treatment saved the rest.

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	5		1	1	7	9		1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3		1	3	2	2		3	
Species affected	B		B	B	B	B		B	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Asiatic red water (B 3)

Ermelo: dr. Gert Oosthuizen

Asiatic red water (B 3)

Middelburg: drs. Fourie and Barkhuizen

Asiatic red water (B 2)

Standerton: dr. Kobie Kroon

Asiatic red water (B 3)

Volksrust: dr. André Visser

Asiatic red water (B 3)

Limpopo

Mokopane: dr. Henk Visser

Asiatic red water (B 1)

Free State

Bethlehem: drs. Basson , Strydom and Strydom

Asiatic red water (B 3)

Clocolan: dr. Liezel Wasserman

Asiatic red water (B 3)

Harrismith: drs. Pretorius, Thirion and Nel

Asiatic red water (B 2)

Hoopstad: dr. Kobus Pretorius

Asiatic red water (B 1)

Reitz: dr. Murray Smith

Asiatic red water (B 2)

Viljoenskroon: dr. Johan Kahts

Asiatic red water (B 1)

Villiers: drs. Hattingh and Hauptfleisch

Asiatic red water (B 3)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Asiatic red water (B 1)

Creighton: dr. Graham Carr

Asiatic red water (B 3)

Dundee: dr. Tony Grace

Asiatic red water (B 1)

Dundee: drs. Anema and Marais

Asiatic red water (B 3)

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

Asiatic red water (B 3)

Howick: dr. Stephen Hughes

Asiatic red water (B 1)

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

Asiatic red water (B 3)

Pietermaritzburg: dr. Phillip Kretzmann

Asiatic red water (B 2)

Underberg: drs. Collins, King and Delaney

Asiatic red water (B 2)

Western Cape**Cradock: dr. Frans Erasmus**

Asiatic red water (B 3) along river.

Swellendam: dr. Norman Pearson

Asiatic red water (B 3)

Anaplasmosis

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

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

Anaplasmosis (B 2)

Volksrust: dr. André Visser

Anaplasmosis (B 2)

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

Anaplasmosis (B 1)

Free State**Bethlehem: drs. Basson , Strydom and Strydom**

Anaplasmosis (B 3) heavy mortalities.

Clocolan: dr. Liezel Wasserman

Anaplasmosis (B 3)

Ficksburg: dr. Woody Kotzé

Anaplasmosis (B 2)

Harrismith: drs. Pretorius, Thirion and Nel

Anaplasmosis (B 2)

Hoopstad: dr. Kobus Pretorius

Anaplasmosis (B 3)

Reitz: dr. Murray Smith

Anaplasmosis (B 3)

Viljoenskroon: dr. Johan Kahts

Anaplasmosis (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Anaplasmosis (B 2)

Zastron: dr. P.P. Brandt

Anaplasmosis (B 2)

KwaZulu-Natal**Bergville: drs. Shepherd and Hamman**

Anaplasmosis (B 3) Many cases confirmed on blood smear after treatment was already given. Losses are minimal.

Dundee: drs. Anema and Marais

Anaplasmosis (B 1)

Dundee: dr. Tony Grace

Anaplasmosis (B 1)

Howick: dr. Stephen Hughes

Anaplasmosis (B 3)

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

Anaplasmosis (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Anaplasmosis (B 2)

Eastern Cape**Alexandria: dr. Thys Potgieter**

Anaplasmosis (B 3) transmitted by blue ticks and biting flies.

Graaff-Reinet: dr. Roland Larson

Anaplasmosis (B 1) Associated with blue tick infestation.

Humansdorp: drs. Van Niekerk, Jansen van Vuuren and Louw

Anaplasmosis (B 1)

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Anaplasmosis (B 2) most diagnosed tick transmitted disease in the area.

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

Anaplasmosis (B 1)

Plettenberg Bay: dr. André Reitz

Anaplasmosis (B 1)

Swellendam: dr. Norman Pearson

Anaplasmosis (B 2)

Heartwater

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

Mpumalanga**Lydenburg: dr. Gustav Trümpelmann**

Heartwater (B 3)

Nelspruit: dr. André Beytell
Heartwater (C 2)

Limpopo

Vaalwater: dr. Hampie van Staden
Heartwater (B 2)

North West

Leeudoringstad: dr. Ian Jonker
Heartwater (B 2) Outbreak block treated with tetracycline.

KwaZulu-Natal

Mooi River: drs. Fowler, Hartley, Mallett and Waterman
Heartwater (O 1)

Mtubatuba: dr. Trever Viljoen
Heartwater (B,C,O 2)

Pietermaritzburg: dr. Phillip Kretzmann
Heartwater (B 2)

Eastern Cape

Alexandria: dr. Thys Potgieter
Heartwater (B,O,C 3)

Humansdorp: drs. Van Niekerk, Jansen van Vuuren and Louw
Heartwater (O 2)

Corridor disease

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

KwaZulu-Natal

Pongola: dr. Heinz Kohrs
Corridor disease (B 2)

Sweating sickness

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	1			
Species affected				B	B	B			

North West

Leeudoringstad: dr. Ian Jonker
Sweating disease (B 2)

Free State

Hoopstad: dr. Kobus Pretorius
Sweating sickness (B 3)

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

Sweating sickness (B 2)

Viljoenskroon: dr. Johan Kahts

Sweating sickness (B 2)

KwaZulu-Natal

Pongola: dr. Heinz Kohrs

Sweating sickness (B 1)

General

Mpumalanga

Nelspruit: dr. André Beytell

A decrease in the number of tick transmitted diseases reported and treated due to drier environmental conditions. Most of heartwater cases reported came from unstable endemic situations. Due to a decrease in tick numbers, less screw-worm cases were reported.

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	4			2	4	9		1	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2			2	2	2		1	
Species affected	B			B	B	B		B	

Mpumalanga

Ermelo: dr. Gert Oosthuizen

Lumpy skin disease (B 2) Two outbreaks.

Lydenburg: dr. Gustav Trümpelmann

Lumpy skin disease (B 1) one outbreak.

Standerton: dr. Kobie Kroon

Lumpy skin disease (B 2)

Volksrust: dr. André Visser

Lumpy skin disease (B 2)

North West

Leeudoringstad: dr. Ian Jonker

Lumpy skin disease (B 2)

Free State

Harrismith: drs. Pretorius, Thirion and Nel

Lumpy skin disease (B 2)

Hoopstad: dr. Kobus Pretorius

Lumpy skin disease (B 3)

Reitz: dr. Murray Smith

Lumpy skin disease (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Lumpy skin disease (B 2)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Lumpy skin disease (B 2) Although not many affected farms this month – those that were affected had high morbidity. One of which is a dairy where all milkers are routinely vaccinated each year but calves 3 months and above were affected – question of cow immunity if calves are fed pooled milk instead of milk replacement? Shouldn't they be protected by maternal antibodies up till 6 months? Taken some blood from milkers to test for antibody titre.

Creighton: dr. Graham Carr

Lumpy skin disease (B 2)

Dundee: dr. Brand Anema

Lumpy skin disease (B 3)

Dundee: dr. Tony Grace

Lumpy skin disease (B 3) Some farmers have not vaccinated in spite of warnings to do so. Only mild sporadic cases have occurred where vaccine has been used for the last 2 years.

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

Lumpy skin disease (B 2) odd cases.

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

Lumpy skin disease (B 2)

Mtubatuba: dr. Trever Viljoen

Lumpy skin disease (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Lumpy skin disease (B 2)

Pongola: dr. Heinz Kohrs

Lumpy skin disease (B 2)

Western Cape

George: drs. Strydom, Truter and Pettifer

Lumpy skin disease (B 1) mortalities. Farmer did not make use of veterinary advice, no vaccination history.

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							3		
Species affected							B		

Eastern Cape

Cradock: dr. Frans Erasmus

Pseudo lumpy skin (B 3)

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					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	2	1		
Species affected					B	B	B		

Free State

Ficksburg: dr. Woody Kotzé

Three day stiff sickness (B 2)

Hoopstad: dr. Kobus Pretorius

Three day stiff sickness (B 1)

Reitz: dr. Murray Smith

Three day stiff sickness (B 3)

Viljoenskroon: dr. Johan Kahts

Three day stiff sickness (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Three day stiff sickness (B 2)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Three day stiff sickness (B 1)

Howick: dr. Stephen Hughes

Three day stiff sickness (B 3)

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

Three day stiff sickness (B 1)

Mtubatuba: dr. Trever Viljoen

Three day stiff sickness (B 2)

Eastern Cape

Graaff-Reinet: dr. Roland Larson

Three day stiff sickness (B 1)

Blue tongue

Province	Mpuma-langa	Gauteng	Limpopo	North West	FreeState	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	5			2	9	3	3	2	1
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	2			2	3	2	3	3	3
Species affected	0			0	0	0	0	0	0

Mpumalanga

Balfour: Balfour: dr. Louis van Jaarsveld

Blue tongue (O 3) Mild cases, mouth swollen and blue tongues.

Ermelo: dr. Gert Oosthuizen

Blue tongue (B 2)

Nelspruit: dr. André Beytell

Blue tongue (O 1)

Standerton: dr. Kobie Kroon

Blue tongue (O 3) Farmers not up to date with their vaccination programme and vaccine was out of stock.

Volksrust: dr. André Visser

Blue tongue (O 3)

North West

Christiana: dr. Pieter Nel

Blue tongue (O 1)

Leeudoringstad: dr. Ian Jonker

Blue tongue (O 3) numerous cases seen.

Stella: dr. Magdaleen Vosser

Blue tongue (O 1)

Free State

Clocolan: dr. Liezel Wasserman

Blue tongue (O 3)

Ficksburg: dr. Woody Kotzé

Blue tongue (O 3)

Harrismith: drs. Pretorius, Thirion and Nel

Blue tongue (O 3) In spite of advising farmers to vaccinate for blue tongue, huge outbreaks of blue tongue occurred.

Hoopstad: dr. Kobus Pretorius

Blue tongue (O 3)

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

Blue tongue (O 3) Mainly in young unvaccinated sheep.

Reitz: dr. Murray Smith

Blue tongue (O 3)

Viljoenskroon: dr. Johan Kahts

Blue tongue (O 3) Outbreaks mainly in young sheep in a flock that have only been vaccinated once or not at all.

Villiers: drs. Hattingh and Hauptfleisch

Blue tongue (O,B 3)

Zastron: dr. P.P. Brandt

Blue tongue (O 3) Individual farmers lost many sheep. Vaccine shortage played a role.

KwaZulu Natal

Bergville: drs. Shepherd and Hamman

Blue tongue (O 3) Still seeing high levels of blue tongue but predominantly on the farms that didn't complete vaccination program before introducing rams. Also seeing clinical cases in lambs born at the beginning of the year. Affected numbers are decreasing over the course of March

Dundee: drs. Anema and Marais

Blue tongue (O 3) high mortality rate in young lambs. We have not seen so many cases.

Pietermaritzburg: dr. Phillip Kretzmann

Blue tongue (O 1)

Eastern Cape

Graaff-Reinet: dr. Roland Larson

Blue tongue (O 2) few cases.

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Blue tongue (O 3) occurred especially in higher lying areas where poor vaccination programmes are practised.

Western Cape

George: drs. Strydom, Truter and Pettifer

Blue tongue (O 2)

Swellendam: dr. Norman Pearson

Blue tongue (O 3)

Northern Cape

Calvinia: drs. Dirk and Lizanne de Beer

Blue tongue (O 3)

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						2			
Species affected						B			

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen

Nagana (B 2)

Venereal diseases

Trichomonosis

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

Mpumalanga

Standerton: dr. Kobie Kroon

Trichomonosis (B 3)

Volksrust: dr. André Visser

Trichomonosis (B 2)

Free State

Harrismith: drs. Pretorius, Thirion and Nel

Trichomonosis (B 2)

Hoopstad: dr. Kobus Pretorius

Trichomonosis (B 3)

Reitz: dr. Murray Smith

Trichomoniasis (B 2)

Viljoenskroon: dr. Johan Kahts

Trichomoniasis (B 3) The problem is getting bigger and bigger. It is not going to be solved unless all farmers work together.

Villiers: drs. Hattingh and Hauptfleisch

Trichomonosis (B 3)

Zastron: dr. P.P. Brandt

Trichomonosis (B 2)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Trichomonosis (B 1)

Eastern Cape

Humansdorp: drs. Van Niekerk, Jansen van Vuuren and Louw

Trichomonosis (B 1) Outbreak in bulls borrowed from a breeder to a dairy client. Testing is continuing and appropriate animals to be culled.

Western Cape

Darling: dr. Jannie vd Merwe

Trichomonosis (B 1) bull bought in.

Vibriosis

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	1			
Species affected					B	B			

Free State

Hoopstad: dr. Kobus Pretorius

Vibriosis (B 2)

Zastron: dr. P.P. Brandt

Vibriosis (B 2)

KwaZulu-Natal

Howick: dr. Stephen Hughes

Vibriosis (B 1)

Peestersiekte / Pizzle disease

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

Free State

Hoopstad: dr. Kobus Pretorius

Pizzle disease (O 1)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Pizzle disease (C 1) An interesting case of vulvitis was seen in about 10% of an Angora flock. There had been no mixing of goats with sheep but Dorpers had been in an adjacent camp. No rams were affected.

Northern Cape

Upington: dr. Ian Vorster

When buying rams keep them in quarantine for 10 days as the incubation period of this disease is 4 days. There might still be carrier animals which play a role in the epidemiology of the disease. Suspect flies also play a role as the disease has occurred one kilometer from a border fence.

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	2			1	5	4	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			1	2	1	2	2	
Species affected	B			B	B,O	B	B	O,B	

Mpumalanga

Standerton: dr. Kobie Kroon

Swelled head (B 1)

Volksrust: dr. André Visser

Swelled head (B 2)

North West

Leeudoringstad: dr. Ian Jonker

Blackleg (B 1)

Free State

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

Blackleg (B 3) in young unvaccinated animals.

Reitz: dr. Murray Smith

Blackleg (B 2)

Viljoenskroon: dr. Johan Kahts

Blackleg (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Blackleg (B 1)

Zastron: dr. P.P. Brandt

Swelled head (O 2)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Blackleg (B 1)

Creighton: dr. Graham Carr

Blackleg (B 1)

Dundee: dr. Tony Grace

Blackquarter (B 2)

Underberg: drs. Collins, King and Delaney

Blackleg (B 1)

Eastern Cape

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Blackleg (B 2)

Western Cape

Beaufort West: drs. Pienaar and Grobler

Swelled head (O 2)

Swellendam: dr. Norman Pearson

Blackleg (B 1)

Pulpy Kidney

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

Mpumalanga

Volksrust: dr. André Visser

Pulpy kidney (O 2)

North West

Christiana: dr. Pieter Nel

Pulpy kidney (O,C 2)

Free State

Ficksburg: dr. Woody Kotzé

Pulpy kidney (O 3)

Hoopstad: dr. Kobus Pretorius

Pulpy kidney (O 3)

Reitz: dr. Murray Smith

Pulpy kidney (O 3)

Villiers: drs. Hattingh and Hauptfleisch

Pulpy kidney (O 1)

Zastron: dr. P.P. Brandt

Pulpy kidney (O 2)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Pulpy kidney (O 2)

Underberg: drs. Collins, King and Delaney

Pulpy kidney (O 3) Emerging farmers with inadequate inoculation programmes put sheep onto ryegrass pasture of vacated dairy farm.

Western Cape

Beaufort-West: drs.Pienaar and Grobler

Pulpy kidney (O 2) is seen where farmers are not giving booster vaccinations. On farms where only pulpy kidney vaccination is given more and more blackleg type of mortalities due to clostridial infections are seen.

George: drs. Strydom, Truter and Pettifer

Pulpy kidney (O,C 2) Deaths in sheep and Angora goats occurred mainly during the night. Animals in good condition. Typical post mortem. The importance of a correct immunization program and correct vaccination procedure cannot be overemphasized.

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

Mpumalanga

Standerton: dr. Kobie Kroon

Blood gut (O 2)

Free State

Hoopstad: dr. Kobus Pretorius

Blood gut (O 1)

Reitz: dr. Murray Smith

Red gut (B 1)

Villiers: drs. Hattingh and Hauptfleisch

Red gut (B 1)

Blood gut (O 1)

KwaZulu-Natal

Dundee: drs. Anema and Marais

Red gut (B 2) acidosis, 3 deaths in dairy cows due to red gut.

Eastern Cape

Alexandria: dr. Thys Potgieter

Red gut in calves (B 3)

Western Cape

George: drs. Strydom, Truter and Pettifer

Blood gut (C 1)

Tetanus

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

Mpumalanga

Nelspruit: dr. André Beytell

Tetanus (O 1)

Free State

Hoopstad: dr. Kobus Pretorius

Tetanus (O 1)

Reitz: dr. Murray Smith

Tetanus (O 1)

Western Cape

George: drs. Strydom, Truter and Pettifer

Tetanus (C 1) in Angora goats after shearing. Oedematous wounds usually seen over joints where shearing is difficult. In these cases goats were vaccinated against pulpy kidney and pasteurellosis

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				3	3			2	3
Species affected				B	B			O	O

North West

Christiana: dr. Pieter Nel

Botulism (B 3) Nine outbreaks of botulism seen in the last 4-6 weeks. Farmer's do not vaccinate their cattle against botulism or do not follow the correct vaccination procedure. Due to phosphate deficiency animals develop pica and eat bones containing botulism toxin. Daily complaints of animals walking stiffly or not able to walk at all are received. Animals are given insufficient licks or no lick at all. In spite of drought and low rainfall the phosphate levels of grazing is very low. It will take a long time for animals to recover after given adequate mineral supplementation. Animals recover faster after injecting phosphate supplements.

Free State

Hoopstad: dr. Kobus Pretorius

Botulism (B 3)

Western Cape

Caledon: dr. Ian Herbst

Botulism (O 2)

Northern Cape

Upington: dr. Ian Vorster

Botulism (O 3) due to pica sheep ate bones.

Brucellosis (*Brucella abortus*)

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

Free State

Hoopstad: dr. Kobus Pretorius

Brucellosis (B 3) still a problem.

Parys: dr. Johan Wessels

Brucellosis (B 2) Beef stud infected with brucellosis due to sharing of studbulls between the stud and commercial herd on another farm. Eradication program planned.

Reitz: dr. Murray Smith

Brucellosis (B 2)

Viljoenskroon: dr. Johan Kahts

Brucellosis (B 3) Infection remains high and new positive herds are identified.

Villiers: drs. Hattingh and Hauptfleisch

Brucellosis (B 3)

Eastern Cape

Cradock: dr. Frans Erasmus

Brucellosis (B 1) a positive herd controlled by State.

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								2	
Species affected								O	

Western Cape

Darling: dr. Jannie vd Merwe

Johnes (O 2) two new cases diagnosed during scanning.

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

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

Mpumalanga

Balfour: dr. Louis van Jaarsveld

E.coli (B 2)

Free State

Hoopstad: dr. Kobus Pretorius

E.coli (B 1)

Viljoenskroon: dr. Johan Kahts

E. coli (B 3)

KwaZulu-Natal

Underberg: drs. Collins, King and Delaney

E. coli (B 3) Tardiness of calf staff to ensure colostrum is fed promptly to calves.

Eastern Cape

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

E. coli (B 1)

Western Cape

Malmesbury: dr. Otto Kriek

E.coli (B 2)

Salmonellosis

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

Mpumalanga

Middelburg: drs. Fourie and Barkhuizen

Salmonellosis (B 1)

Free State

Hoopstad: dr. Kobus Pretorius

Salmonellosis (B 1)

Viljoenskroon: dr. Johan Kahts

Salmonellosis (B 2)

Leptospirosis

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

Lumpy wool (*Dermatophilus*)

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

Enzootic abortion (*Chlamydophyla*)

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

Eastern Cape

Alexandria: dr. Thys Potgieter

Enzootic abortion (O 3)

Northern Cape

Calvinia: drs. Dirk and Lizanne de Beer

Enzootic abortion (O 3) abortion outbreaks seen.

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

Mpumalanga

Lydenburg: dr. Gustav Trümpelmann

BMC (B 3) 15 cattle died in Dullstroom as a result of black wildebeest, carriers of the virus adjacent to cattle. Near Lydenburg 4 cattle died of BMC.

Middelburg: drs. Fourie and Barkhuizen

BMC (B 2) It seems as if cattle that were infected 5 months ago are now dying of the virus. The incidence of BMC is increasing. It will always be a problem where wildebeest and cattle are in close contact. Fences do not prevent the disease.

Standerton: dr. Kobie Kroon

BMC (B 1)

Limpopo

Vaalwater: dr. Hampie van Staden

BMC (B 2) 2 cases.

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

BMC (B 2) 4 lame cattle, problems with swallowing, tongue protruding, salivation, blind after 3 to 4 days, no eye reflex. One animal died and samples for histology were taken. Positive for BMC. Other 3 animals recovered.

Free State**Winburg: dr. Eddie Albertyn**

BMC (B 1) 2 cows died

KwaZulu-Natal**Dundee: drs. Anema and Marais**

BMC (B 1)

Dundee: dr. Tony Grace

BMC (B 3) 5 out of 189 cattle that were moved 2 months ago to a hired farm died. It is adjacent to a large game farm where numerous blue and black wildebeest are kept. The farm owner, who recently had to sell all his stock, had never had any problems with cattle born on the farm.

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

BMC (B 3) 7 deaths on one farm and 12 deaths in a rural area due to blue wildebeest associated BMC.

Pongola: dr. Heinz Kohrs

BMC (B 1)

Eastern Cape**Alexandria: dr. Thys Potgieter**

BMC (B 2) Blue wildebeest adjacent to cattle and 3 cattle died.

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

BMC (B 1) Chronically seen on farms in the area due to wildebeest adjacent to cattle farms.

BVD

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

KwaZulu-Natal**Howick: dr. Stephen Hughes**

BVD (B 2)

IBR

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

Level of importance					2	2	1		
Species affected					B	B	B		

Free State

Viljoenskroon: dr. Johan Kahts
IBR (B 2)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman
IBR (B 1)

Howick: dr. Stephen Hughes
IBR (B 2)

Eastern Cape

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine
IBR (B 1)

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									
Level of 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 Bovine Leukosis (EBL)

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

Eastern Cape

Alexandria: dr. Thys Potgieter
EBL (B 1) an 8 year old dairy cow showing enlarged lymph nodes.

Western Cape

Malmesbury: dr. Otto Kriek
EBL (B 1)

Warts & Orf

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	2			1	4	6	2	1	1

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

Mpumalanga

Nelspruit: dr. André Beytell

Orf (C 3)

Standerton: dr. Kobie Kroon

Warts (B 2)

North West

Christiana: dr. Pieter Nel

Warts (B 1)

Orf (O 1)

Free State

Hoopstad: dr. Kobus Pretorius

Warts (B 1)

Orf (O 1)

Reitz: dr. Murray Smith

Warts (B 2)

Orf (O 2)

Viljoenskroon: dr. Johan Kahts

Orf (O 3)

Villiers: drs. Hattingh and Hauptfleisch

Warts (B 2)

KwaZulu-Natal

Creighton: dr. Graham Carr

Orf (O 1)

Dundee: drs. Anema and Marais

Orf (O,C 3)

Dundee: dr. Tony Grace

Orf (C 1)

Mtubatuba: dr. Trever Viljoen

Warts (B 2)

Pongola: dr. Heinz Kohrs

Warts (B 1)

Pongola: dr. Silke Pfitzer

Orf (O 2)

Eastern Cape

Graaff-Reinet: dr. Roland Larson

Orf (C 1)

Humansdorp: drs. Van Niekerk, Jansen van Vuuren and Louw

Orf (O 1)

Western Cape

Malmesbury: dr. Otto Kriek

Warts (B 2)

Northern Cape

Calvinia: drs. Dirk and Lizanne de Beer

Orf (C 3)

Rabies

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

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Rabies (B 1)

Howick: dr. Stephen Hughes

Rabies (B 1)

Jaagsiekte

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

Fungal Diseases

Ringworm

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

Mpumalanga

Standerton: dr. Kobie Kroon

Ringworm (B 3) especially in young calves in feedlots.

Volksrust: dr. André Visser

Ringworm (B 2)

North West

Christiana: dr. Pieter Nel

Ringworm (B 1)

Free State

Hoopstad: dr. Kobus Pretorius

Ringworm (B 2)

Reitz: dr. Murray Smith

Ringworm (B 2)

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen

Ringworm (B 2)

Pongola: dr. Heinz Kohrs

Ringworm (B 1)

Eastern Cape

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Ringworm (B 2)

Western Cape

Swellendam: dr. Norman Pearson

Ringworm (B 2)

Diseases cause by protozoa

Coccidiosis

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

Mpumalanga

Standerton: dr. Kobie Kroon

Coccidiosis (O 3)

Volksrust: dr. André Visser

Coccidiosis (O 2)

Free State

Ficksburg: dr. Woody Kotzé

Coccidiosis (O 2)

Villiers: drs. Hattingh and Hauptfleisch

Coccidiosis (O,C 3)

KwaZulu-Natal

Mtubatuba: dr. Trever Viljoen

Coccidiosis (O,C 2)

Pietermaritzburg: dr. Phillip Kretzmann

Coccidiosis (C 1)

Western Cape

George: drs. Strydom, Truter and Pettifer

Coccidiosis (C 2)

Poisoning

Urea poisoning

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

Free State

Hoopstad: dr. Kobus Pretorius

Urea poisoning (B 1)

Reitz: dr. Murray Smith

Urea poisoning (B 2)

Tulip 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									

Lantana 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			

KwaZulu-Natal

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

Lantana poisoning (B 3) on three farms – 4 deaths and 10 animals survived.

Gifblaar poisoning

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

Senecio poisoning

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

Free State

Harrismith: drs. Pretorius, Thirion and Nel

Senecio poisoning (B 2)

Eastern Cape

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Senecio poisoning (B 1)

Cestrum 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									

Prussic acid poisoning

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

Free State

Clocolan: dr. Liezel Wasserman

Prussic acid poisoning (0 3)

Acidosis

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 poisonings

Limpopo

Vaalwater: dr. Hampie van Staden

Gousiekte (B 2)

North West

Stella: dr. Magdaleen Vosser

Drimia spp. (Slangkop) poisoning (B 3)

Free State

Bethlehem: drs. Basson , Strydom and Strydom

Amaranthus spp. (pigweed, hanekam) – nitrate poisoning (B 3)

Ficksburg: dr. Woody Kotzé

Organophosphate poisoning (B 2)

Villiers: drs. Hattingh and Hauptfleisch
Mycotoxicosis (B,O 2) blue green algae poisoning.

KwaZulu-Natal

Creighton: dr. Graham Carr

Army worm - We haven't yet seen Kikuyu poisoning, however a recent serious explosion of the army worm population was seen on kikuyu, perennial rye, annual rye and teff pastures. Farmers on high alert. Spraying of affected pastures with pyrethroid has commenced.

Dundee: drs. Anema and Marais

Stootsiekte (B 2) caused by *Cotula nigellifolia* (stootsiektebossie, stagger weed)
Army worm – huge presence but no kikuyu poisoning seen.

Eastern Cape

Alexandria: dr. Thys Potgieter

Cynanchum (monkey rope) poisoning (B 3) Nervous symptoms and mortalities in 3 month old dairy calves. Dry conditions.

Western Cape

Beaufort-West: drs. Pienaar and Grobler

Photosensitization (O 3) numerous cases in Dorpers in the Merweville area were seen. The skin became hard on bare areas and yellow mucous membranes were observed and sheep looked for shade. It is suspected that duwweltjies are the cause. Symptoms were only seen after a period that the plants were consumed.

Caledon: dr. Ian Herbst

Overeating of lupins

Ceres: dr. M.G. Walton

Onion toxicity (B 1) in a bull.

Northern Cape

Calvinia: drs. Dirk and Lizanne de Beer

Geeldikkop (O 3) due to duwweltjies. After rain these plants sprouted and sheep eating these plants developed photosensitization.

Witstorm (*Thesium lineatum*) poisoning (O 3) numerous mortalities. Take sheep out of camp and treat them with charcoal.

Kathu: dr. Jan Vorster

Ten pregnant Boergoat ewes died a few hours after consuming a new batch of energy cubes. Awaiting test results.

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	1				4	5		4	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	3				2	2		2	
Species affected	O				B,O	B,O		B,O,C	

Mpumalanga

Ermelo: dr. Gert Oosthuizen

Abortions (O 3) fifty abortions due to toxoplasmosis. Poultry litter maybe involved as the abortions occurred two weeks after the start of feeding the litter. Toxoplasma confirmed on foetal samples. Treated ewes with sulphonamide.

Free State**Hoopstad: dr. Kobus Pretorius**

Abortion (B,O 3)

Reitz: dr. Murray Smith

Abortion (B,O 2)

Viljoenskroon: dr. Johan Kahts

Abortions (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Abortions (B 2)

KwaZulu-Natal**Bergville: drs. Shepherd and Hamman**

Abortion (O 2)

Dundee: dr. Tony Grace

Abortion (B 2)

Howick: dr. Stephen Hughes

Abortion (B 3)

Pietermaritzburg: dr. Phillip Kretzmann

Abortion (B 2)

Underberg: drs. Collins, King and Delaney

Abortion (B 2)

Eastern Cape**Alexandria: dr. Thys Potgieter**

Abortion (B 3)

Humansdorp: drs. Van Niekerk, Jansen van Vuuren and Louw

Abortion (B 2)

Western Cape**Caledon**

Abortion (B,O,C 2)

Malmesbury: dr. Otto Kriek

Abortion (B 2)

Plettenberg Bay: dr. André Reitz

Abortions (B 2) 9 out of 500 cows. Tests negative for brucellosis, leptospirosis and BVD. Mouldy korog bales were eaten. Could this be the cause?

Swellendam: dr. Norman Pearson

Abortion (O 3)

Poor Conception

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

Mpumalanga

Volksrust: dr. André Visser

Poor conception (B 2)

Free State

Bethlehem: drs. Basson , Strydom and Strydom

Conceptions better than last year.

Clocolan: dr. Liezel Wasserman

Poor conception (B,O 3)

Hoopstad: dr. Kobus Pretorius

Poor conception (B 2)

Villiers: drs. Hattingh and Hauptfleisch

Poor conception (B,O 2)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Poor conception (B,O 2)

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

Howick: dr. Stephen Hughes

Poor conception (B 3)

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

Poor conception (B 1)

Underberg: drs. Collins, King and Delaney

Poor conception (B 3) in dairy cows. AI done during Dec-Jan period (which is reckoned as climate stressful). Kikuyu grazing is also metabolically diabolical.

Eastern Cape

Humansdorp: drs. Van Niekerk, Jansen van Vuuren and Louw

Poor conception (B 1)

Western Cape

Swellendam: dr. Norman Pearson

Poor conception (B 2)

Northern Cape

Kathu: dr. Jan Vorster

Poor conception (B 3) Poor veld conditions lead to loss of condition which in turn led to poor conception.

Dystocia

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

Mpumalanga

Volksrust: dr. André Visser

Dystocia (B 2)

Free State

Clocolan: dr. Liezel Wasserman

Dystocia (B 2)

Ficksburg: dr. Woody Kotzé

Dystocia (B 2, O 1)

Hoopstad: dr. Kobus Pretorius

Dystocia (B 3)

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

Dystocia (B 1)

Viljoenskroon: dr. Johan Kahts

Dystocia (B 1)

Winburg: dr. Eddie Albertyn

Dystocia (B 2)

Zastron: dr. P.P. Brandt

Dystocia (B 1)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Dystocia (B,O 3)

Creighton: dr. Graham Carr

Dystocia (B 2)

Dundee: dr. Tony Grace

Dystocia (B 2, O 1)

Howick: dr. Stephen Hughes

Dystocia (B,O 2)

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

Dystocia (B 2)

Mtubatuba: dr. Trever Viljoen

Dystocia (B 2)

Underberg: drs. Collins, King and Delaney

Dystocia (B,O 2)

Eastern Cape

Alexandria: dr. Thys Potgieter

Dystocia (B 3) more cases than usual.

Humansdorp: drs. Van Niekerk, Jansen van Vuuren and Louw

Dystocia (B 1)

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Dystocia (B 1)

Western Cape

George: drs. Strydom, Truter and Pettifer

Dystocia (B 2)

Swellendam: dr. Norman Pearson

Dystocia (B 1)

Metritis (Infection of the uterus)

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

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

Free State

Hoopstad: dr. Kobus Pretorius

Metritis (B 3) due to drought and vitamin A deficiency.

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Metritis (O 2)

Howick: dr. Stephen Hughes

Metritis (B 2)

Mtubatuba: dr. Trever Viljoen

Metritis (B 2)

Eastern Cape

Humansdorp: drs. Van Niekerk, Jansen van Vuuren and Louw

Metritis (B 1)

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Metritis (B 2)

Western Cape

Malmesbury: dr. Otto Kriek

Metritis (B 3) due to contaminated environment. Some farmers are very good at managing the sleeping quarters but many are guilty of neglect. Disposal of manure often way behind leading to massive build-up of dung.

Retained placenta

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

Free State

Ficksburg: dr. Woody Kotzé

Retained placenta (B 1)

Hoopstad: dr. Kobus Pretorius

Retained placentas (B 3) due to drought and vitamin A deficiency.

Viljoenskroon: dr. Johan Kahts

Retained placenta (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Retained placenta (B,O 1)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Retained placenta (B 1)

Howick: dr. Stephen Hughes

Retained afterbirth (B 2)

Pietermaritzburg: dr. Phillip Kretzmann

Retained placenta (B 2)

Western Cape

Malmesbury: dr. Otto Kriek

Retained placenta (B 2) Quite a substantial number of farmers follow their own way of thinking when it comes to supplementation of Vitamin A and Multimin especially the latter. I find it difficult to bring home the fact that Multimin takes 3-4 weeks before its effect kicks in!!!

Swellendam: dr. Norman Pearson

Retained placenta (B 1)

Prolapses

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

Free State

Villiers: drs. Hattingh and Hauptfleisch

Prolaps (B,O 2)

Western Cape

Darling: dr. Jannie vd Merwe

Uterus prolapse (B 2) in beef cattle – especially in first calving heifers and mortalities are high. Dairy cows survival rate is much higher – reason?

Northern Cape

Upington: dr. Ian Vorster

Rectal prolapse (O 3) many cases seen in feedlots, believe to be genetic. Environment also play a role. Animals cough and due to pressure prolapse occur and dust settles on rectum causing inflammation.

Navel infections

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			

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Navel infection (O 2)

Joint-ill/Arthritis

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

North West

Christiana: dr. Pieter Nel

Arthritis (B 1)

Western Cape

Ceres: dr. M.G. Walton

Arthritis (B 1) A bull with severe joint infection.

George: drs. Strydom, Truter and Pettifer

Arthritis (B 2, C 1) in dairy cows. No definite diagnosis but advised farmers on concrete floors and hygiene.

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				4	8	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	3	2	2	
Species affected	O				B	B,O	B,O	B	

Mpumalanga

Balfour: dr. Louis van Jaarsveld

Blue udder (O 2) due to *Staphylococcus aureus* and *Mannheimia haemolytica*.

Free State

Ficksburg: dr. Woody Kotzé

Mastitis (B 1)

Hoopstad: dr. Kobus Pretorius

Mastitis (B 2)

Reitz: dr. Murray Smith

Mastitis (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Mastitis (B 1)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Mastitis (O 2)

Creighton: dr. Graham Carr

Mastitis (B 3)

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

Mastitis (B 3)

Howick: dr. Stephen Hughes

Mastitis (B 3)

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

Mastitis (B 3)

Mtubatuba: dr. Trever Viljoen

Mastitis (B 2)

Pongola: dr. Heinz Kohrs

Mastitis (B 2)

Underberg: drs. Collins, King and Delaney

Mastitis (B 2)

Eastern Cape

Alexandria: dr. Thys Potgieter

Mastitis (B 3)

Cradock: dr. Frans Erasmus

Blue udder (O 3) on irrigated pastures. *Staphylococcus* was isolated.

Humansdorp: drs. Van Niekerk, Jansen van Vuuren and Louw

Mastitis (B 1)

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Mastitis (O 1)

Western Cape

Caledon: dr. Ian Herbst

Mastitis (B 1)

Malmesbury: dr. Otto Kriek

Mastitis (B 3)

Foot rot and lameness

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

Mpumalanga

Lydenburg: dr. Gustav Trümpelmann

Lameness (B 3)

Volksrust: dr. André Visser

Lameness (B,O 3)

North West

Christiana: dr. Pieter Nel

Lameness (B 3)

Free State

Bethlehem: drs. Basson , Strydom and Strydom

Foot abscesses in sheep (O 3)

Ficksburg: dr. Woody Kotzé

Lameness (B 1)

Harrismith: drs. Pretorius, Thirion and Nel

Lameness (B, O 3)

Hoopstad: dr. Kobus Pretorius

Lameness (B 1, O 3)

Reitz: dr. Murray Smith

Lameness (B 3, O 2)

Viljoenskroon: dr. Johan Kahts

Lameness (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Lameness (B,O 2)

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Lameness (O 2)

Creighton: dr. Graham Carr

Lameness (B 3)

Dundee: drs. Anema and Marais

Lameness (B 3)

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

Lameness (B 3)

Howick: dr. Stephen Hughes

Lameness (B 3)

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

Lameness (B 2)

Pongola: dr. Heinz Kohrs

Lameness (B,O,C 1)

Eastern Cape

Humansdorp: drs. Van Niekerk, Jansen van Vuuren and Louw

Lameness (B 1)

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Lameness (B 2)

Western Cape

Malmesbury: dr. Otto Kriek

Lameness (B 2)

Swellendam: dr. Norman Pearson

Lameness (B 2)

Northern Cape

Calvinia: drs. Dirk and Lizanne de Beer

Lameness (O 3) due to bont-legged ticks in between hooves.

Bloat

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

Diarrhoea

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

Mpumalanga

Nelspruit: dr. André Beytell

Diarrhoea (B 1)

Free State

Ficksburg: dr. Woody Kotzé

Diarrhoea (B 1)

Zastron: dr. P.P. Brandt

Diarrhoea (B 2) mainly due to corona virus.

KwaZulu-Natal

Bergville: drs. Shepherd and Hamman

Diarrhoea (O 2)

Howick: dr. Stephen Hughes

Diarrhoea (B 2)

Mtubatuba: dr. Trever Viljoen

Diarrhoea (O,C 2)

Eastern Cape

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Diarrhoea (B 1)

Western Cape

Malmesbury: dr. Otto Kriek

Diarrhoea (B 2)

Eye infection/Ophthalmia/Kerato-conjunctivitis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
Vets reporting this disease	3			2	10	6	1	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	3			3	2	2	3	2	3
Species affected	B,O			B,O	B,O	B,O,C	O	B,O	B,O

Mpumalanga

Lydenburg: dr. Gustav Trümpelmann

Ophthalmia (B 3)

Standerton: dr. Kobie Kroon

Ophthalmia (B,O 3)

Volksrust: dr. André Visser

Ophthalmia (B 2)

North West

Christiana: dr. Pieter Nel

Ophthalmia (B,O 3)

Leeudoringstad: dr. Ian Jonker

Sub-conjunctival abscesses in calves (B 3) can't see the eye due to swelling, puss, do not know what the predisposing factors are. Abscessation usually only on one side. Consult your veterinarian for treatment if this occur.

Ophthalmia (B 3) 95% due to *Moraxella bovis* in the right eye. Interesting is that it was the same side where yellow eartags had been inserted. Does the yellow colour attract flies, the carriers of *Moraxella*?

Free State

Clocolan: dr. Liezel Wasserman

Ophthalmia (B,O 3)

Ficksburg: dr. Woody Kotzé

Ophthalmia (O 1)

Harrismith: drs. Pretorius, Thirion and Nel

Ophthalmia (B, O 3)

Hoopstad: dr. Kobus Pretorius

Ophthalmia (B 3, O 3)) due to drought and flies transmitting *Moraxella bovis*. Use fly repellants, vitamin A and vaccine against *Moraxella*.

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

Ophthalmia (B,O 2) dry, dusty veld conditions, kraaling of sheep predisposes to eye infections. Animals are also not isolated when they are affected.

Parys: dr. Johan Wessels

Ophthalmia (B 2) Still get infections in a vaccinated herd (*Moraxella bovis*). Macrocylic lactones used in conjunction with vaccines before and during outbreaks but samples need to be taken again.

Reitz: dr. Murray Smith

Ophthalmia (B,O 3)

Viljoenskroon: dr. Johan Kahts

Ophthalmia (B 3)

Villiers: drs. Hattingh and Hauptfleisch

Ophthalmia (B,O 2)

Zastron: dr. P.P. Brandt

Ophthalmia (B 2)

KwaZulu-Natal

Creighton: dr. Graham Carr

Ophthalmia (B 3)

Dundee: dr. Tony Grace

Ophthalmia (B 2, O 3)

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

Ophthalmia (B 3)

Mtubatuba: dr. Trevor Viljoen

Ophthalmia (B,C,O 2)

Pietermaritzburg: dr. Phillip Kretzmann

Ophthalmia (B 2)

Underberg: drs. Collins, King and Delaney

Ophthalmia (B 2)

Eastern Cape

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Ophthalmia (O 3)

Western Cape

George: drs. Strydom, Truter and Pettifer

Ophthalmia (B 3)

Caledon: dr. Ian Herbst

Ophthalmia (B,O 1)

Ceres: dr. M.G. Walton

Ophthalmia (B 2) Two cows with corneal ulcers due to grass awns (steekgras).

Malmesbury: dr. Otto Kriek

Ophthalmia (B 3) Busy subsiding now since fly problem slightly less of a problem, but fly control at calf pens not always up to standard. Tendency towards own recipes for fly control at the cost of professional advice. Vaccination for eye infection neglected in many cases.

Swellendam: dr. Norman Pearson

Ophthalmia (B,O 3)

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

Ophthalmia (B,O 3) due to drought conditions and dust eye problems due to Moraxella were rife.

Abscesses

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

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

Abscesses (O 1)

Free State**Hoopstad: dr. Kobus Pretorius**

Abscesses (B,O 3)

KwaZulu-Natal**Creighton: dr. Graham Carr**

Abscesses (B 3)

Mtubatuba: dr. Trever Viljoen

Abscesses (B,C 2)

Pongola: dr. Heinz Kohrs

Abscesses (B 2)

Underberg: drs. Collins, King and Delaney

Abscesses (O 2)

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

Abscesses (O 1)

Humansdorp: drs. Van Niekerk, Jansen van Vuuren and Louw

Abscesses (B 2)

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Abscesses (O 1)

Western Cape

Darling: dr. Jannie vd Merwe

Abscesses in dairy cows (B 2) 2 farms with high production (subclinical acidosis), reduced immunity?

Malmesbury: dr. Otto Kriek

Abscesses (B 2)

Northern Cape**Calvinia: drs. Dirk and Lizanne de Beer**

Abscesses (C 3) due to *Corynebacterium ovis*.

Pneumonia

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

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

Pneumonia (O, C 2) Young goats and lambs die of pneumonia once the colostral immunity does not protect the animal anymore. The correct vaccine should be administered timeously. Samples of the infection should be taken to establish the source of infection.

Volkstrust: dr. André Visser

Pneumonia (B 3)

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

Pneumonia (B,O,C 3)

Free State**Bethlehem: drs. Basson , Strydom and Strydom**

Pneumonia (O 3) pastuerellosis.

Harrismith: drs. Pretorius, Thirion and Nel

Pneumonia (B 2)

Hoopstad: dr. Kobus Pretorius

Pneumonia (B 3, O 3)

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

Pneumonia (B,O 3) big difference between day and night temperatures predisposes to pneumonia. Transportation of animals over long distances causes stress leading to pneumonia.

Zastron: dr. P.P. Brandt

Pneumonia (B 1)

KwaZulu-Natal**Bergville: drs. Shepherd and Hamman**

Pneumonia (B 2)

Creighton: dr. Graham Carr

Pneumonia (B 3)

Dundee: drs. Anema and Marais

Pneumonia (B 3) due to *Mannheimia haemolytica* and *Pasteurella multocida*.

Estcourt: drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar
Pneumonia (B 3) few cases of cattle in feedlots with pericarditis and pleuritis, awaiting laboratory results (pasteurellosis or *Histophilus* ?)

Howick: dr. Stephen Hughes

Pneumonia (B 2)

Mtubatuba: dr. Trever Viljoen

Pneumonia (B,C,O 2)

Pongola: dr. Heinz Kohrs

Pneumonia (C 1)

Underberg: drs. Collins, King and Delaney

Pneumonia (B,O 3) Environmental conditions precipitated susceptibility.

Eastern Cape

Alexandria: dr. Thys Potgieter

Pneumonia (B 3) pasteurellosis in dairy calves.

Queenstown: drs. Du Preez, Godley, Klopper, Janse van Rensburg, De Klerk and Catherine

Pneumonia (B 1) due to pasteurellosis.

Western Cape

Caledon: dr. Ian Herbst

Pneumonia (O 2)

Ceres: dr. M.G. Walton

Pneumonia (O 3) Fifty cases in Merino lambs and 4 cases in adult Merinos in dirty kraals.

Malmesbury: dr. Otto Kriek

Pneumonia (B 3) Typically a problem now with massive variations in day/night temperatures.

On some farms management of housing needs more attention – high levels of ammonia and dust a problem where in close proximity to dirt roads.

Northern Cape

Calvinia: drs. Dirk and Lizanne de Beer

Pneumonia (O,C 3)

Upington: dr. Ian Vorster

Pneumonia (O 3) in feedlots due to pasteurellosis. Dusty conditions and big difference between day and night temperatures play a big role.

Other conditions

KwaZulu-Natal

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

Left displaced abomasums (B 3)

Pongola: dr. Heinz Kohrs

Hindquarter paresis (B 1)

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Nutritional deficiencies

Macro feed

Protein

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

North West

Christiana: dr. Pieter Nel

Protein deficiency (B 1)

Stella: dr. Magdaleen Vosser

Protein deficiency (B,O 3)

Free State

Hoopstad: dr. Kobus Pretorius

Protein deficiency (B 3)

Energy

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

Mpumalanga

Volkstrust: dr. André Visser

Energy deficiency (B 1)

North West

Christiana: dr. Pieter Nel

Energy deficiency (B 1)

Stella: dr. Magdaleen Vosser

Energy deficiency (B,O 3)

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	1			3					3
Species affected	B			B					B

Mpumalanga

Volkstrust: dr. André Visser

Phosphate deficiency (B 1)

North West

Christiana: dr. Pieter Nel

Phosphate deficiency (B 3)

Nine outbreaks of botulism seen in the last 4-6 weeks. Farmers do not vaccinate their cattle against botulism or do not follow the correct vaccination procedure. Due to phosphate deficiency animals develop pica and eat bones containing botulism toxin. Daily complaints of animals walking stiffly or not able to walk at all are received. Animals are given insufficient licks or no lick at all. In spite of drought and low rainfall the phosphate levels of grazing is very low. It will take a long time for animals to recover after giving adequate mineral supplementation. Animals recover faster after injecting phosphate supplements.

Northern Cape

Upington: dr. Ian Vorster

Phosphate deficiency (B 3) due to severe drought conditions especially in first calf heifers and second calf cows. Animals became stiff and mineral supplementation was given.

Calcium

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								

Mpumalanga

Volksrust: dr. André Visser

Calcium deficiency (B 1)

Magnesium

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

Other Micro feed conditions

Copper

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

Western Cape

Swellendam: dr. Norman Pearson

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

Zinc

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

Molibdinum

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

Vitamin A

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

North West

Christiana: dr. Pieter Nel

Vitamin A deficiency (B,O 3) due to drought

Free State

Hoopstad: dr. Kobus Pretorius

Vitamin A deficiency (B 3) due to drought

VitaminB 1 deficiency

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

Metabolic diseases

Other conditions

Urinary calculi

Western Cape

Ceres: dr. M.G. Walton

Urinary calculi in a ram.

Bone softening

Mpumalanga

Ermelo: dr. Gert Oosthuizen

Several cases of bone softening diagnosed in cattle. Could the many coal power stations in the region be involved.

Fractures

Western Cape

Ceres: dr. M.G. Walton

Three dairy cows with fractures (shoulder, hoof and cannon bone)

Malnutrition

Western Cape

Darling: dr. Jannie vd Merwe

Malnutrition of adult ewes lambing in lambing pens – ration not well formulated due to use of own farm products.

Skin lesions

Western Cape

Darling: dr. Jannie vd Merwe

The skin on the back of sheep burnt due to overheating of shears. This was worsened by sunburn.

Predation

Western Cape

Ceres: dr. M.G. Walton

Fifty cases of sheep bitten by dogs.

Shelters

Western Cape

Malmesbury: dr. Otto Kriek

This is a major problem on a few farms in the Western Cape but I must commend a lot of farmers for the money and effort they put into this. It is very distressing to see dairy cows endure the summer heat with no shelter in the Western Cape as well as the continuous chilly wet spells in the winter months with a severe build-up of mud/manure. On some farms the management of the sleeping quarters leaves a lot to be desired only because the intervals between removal of the dung are not sufficient. On many farms I must say the record is impeccable and these farmers are to be commended. The number of metritis cases vary greatly between farms with bad manure management versus good manure management!!!

Dairy farming

Mpumalanga

Nelspruit: dr. André Beytell

Dwindling dairy farming syndrome – “another honourable” dismissal of a large dairy in our area. The margins of milk production is just too small to combat the increasing input costs and minimum salaries imposed on farmers. Roughage has to be transported over long distances in the Lowveld and increased fuel prices are just the last straw breaking the camel’s neck.

It is not only years of developing infrastructure that is lost but also science and technology that had been invested in such a dairy. Ununderbroken hours of work, 365 days of the year ended in nothing! Job opportunities are lost and our country sits with the problem of unemployment.

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Game

KwaZulu-Natal

Pongola/Magudu: dr. Silke Pfitzer

Screw-worm (Buffalo 1)

Northern Cape

Upington: dr. Ian Vorster

Rhinoceros heifer died due to enterotoxaemia a week after good rains. Animal showed colic symptoms.

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Horses

Limpopo

Mokopane: dr. Henk Visser

African horse sickness (E 1)

Free State

Bethlehem: drs. Basson , Strydom and Strydom

Four horses died of African horse sickness (dikkop form).

KwaZulu-Natal

Dundee: dr. Tony Grace

African horse sickness. Numerous unvaccinated horses have died. Very few vaccinated horses have died in spite of severe symptoms – a strain that is in bottle 2 of the vaccine has consistently been isolated.

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

African horse sickness on 3 farms (E 3) Acute deaths mainly dikkop form. Horses were vaccinated.

Dogs

Pigs

Western Cape

George: drs. Strydom, Truter and Pettifer

E.coli (2)

Salmonellosis (2)

Pneumonia in pigs, numerous bacteria isolated such as *E. coli* and *Salmonella*.

Poultry

Ostriches

Feedlot report

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

Sheep

Sheep feedlots had a relative good disease status regarding respiratory disease. This is due to the drier weather conditions.

A few pulpy kidney cases occurred.

Sheep in poor condition often die soon after arrival at the feedlot due to chronic pneumonia. They also have difficulty in adapting to the feed due to damage of the intestinal tract due to protein and energy deficiency as a result of drought conditions where they came from. These animals remain runts.

Some incoming sheep that died within a few days had liver damage probably due to plant poisoning.

Cattle

In cattle feedlots there had been an increase in pneumonia cases due to weather change and big fluctuation between day and night temperatures.

Lumpy skin disease cases occurred in feedlots in northern KZN.
Swelled head was diagnosed in a feedlot where two animals died acutely.
Fewer ticks are seen on animals and as a result fewer cases of red water and pneumonia are seen in comparison to last year.

Laboratory reports

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

Diagnostic disease highlights, Idexx Laboratories, February and March 2013

A pet miniature pig with intractable diarrhoea was diagnosed with *Lawsonia*, which causes porcine proliferative enteritis, also known as hosepipe gut, ileitis, PIA, PHE, RI and necrotic enteritis. The pig was from the northern Johannesburg area, where there is a large population of horses. *Lawsonia* infections in horses cause enteritis and ill thrift in young animals and seem to be spreading. The first equine cases were detected in the western and eastern Cape, and there was an outbreak in the Potchefstroom area about a year ago, and a case in March, 2013 in a foal also from the northern Johannesburg area.

Brucella ovis is the most difficult of all the *Brucella* species to grow in a laboratory, and semen samples need to be taken in as sterile a way as possible, for optimal culture. Nine semen samples that were all heavily contaminated were received, and although the Stamp's smear of one of them was strongly positive, it was not possible to isolate *Brucella ovis*, due to the heavy contamination.

Calves with pneumonia, and no diarrhoea, yielded *Salmonella* Dublin in pure growth. The other *Salmonella* species are not known to do so, but *S. Dublin* can present as pneumonia in calves. The antibiotics for *Salmonella* treatment differ greatly from those used for *Pasteurella/Mannheimia*, and so if no response is found to the usual penicillin or tetracycline treatment for pneumonia, consider paratyphoid.

Unusual causes of bovine mastitis were *Candida glabrata* and *Klebsiella pneumoniae*.

Trueperella (Ancaobacterium) pyogenes was again the most common isolate during both months, causing intractable metritis and mastitis in a large Jersey herd, abscesses in cattle, infection of the spermatic cord in a bull, as well as lung abscesses in cattle and sheep. Most of the isolates were together with anaerobes as there is a symbiotic relationship between them. Nearly all anaerobes isolated in South Africa are susceptible to penicillins, cephalosporins and metronidazole, but it should be remembered that anaerobes are quickly killed by oxygen. If any abscesses are superficial, opening and cleaning the cavity out, rapidly destroys anaerobes.

Cases of pneumonia in ruminants were caused mostly by *T. pyogenes* and *Streptococcus*.

Streptococcus suis causes sporadic pneumonia in ruminants, usually after stress, such as transport stress. It was isolated from a goat with pneumonia. *Streptococcus dysgalactiae* caused bovine pneumonia. Two new species of *Streptococcus* have been described in ruminants. They are *S. ovis* and *S. pleuranimalium*. Both are present in South Africa, and the occurrence of each is being monitored at present, to establish whether they are significant pathogens or not.

IDEXX laboratories, December, 2012

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

Disease or condition	Specie	Comment
Liver fluke	Cattle	2
African red water	Cattle	2
Anaplasmosis	Cattle	2
Heartwater	Sheep, goats	2

Blue tongue	Sheep	1
Chlamydophila pecorum	Sheep	2
Trueperella pyogenes	Cattle	Abscessation and pneumonia (2)
Bovine malignant catarrh	Cattle	1
Enzootic bovine leukosis	Cattle	1
Orf	Goats	1
African horse sickness	Horses	3
Abortion	Cattle, sheep, goats	3

Monthly Pathcare Vetlab report – Cape Town (1 to 30 March 2013) submitted by dr. Lucy Lange

Disease condition	Specie	District	Comments
Pneumonia/ <i>Pasteurella</i>	Cattle	E-Cape, W-Cape	
Hepatotoxicosis	Cattle	E-Cape, Free State Upington	
<i>Campylobacter</i>	Cattle	Country wide	Confirmed with PCR
<i>Tritrichomonas</i>	Cattle	Country wide	Confirmed with PCR
<i>Salmonella</i>	Cattle	E-Cape, Namibia	
Mucor	Cattle	E-Cape	
Hepatocellular Carcinoma	Cattle	E-Cape	
Nekrotic enteritis	Cattle	Vereeniging	
Snotsiekte	Cattle	Free State, Namibia	
BVD	Cattle	Namibia	
Rabies	Cattle	Namibia	
Ketosis	Cattle	Namibia	
Sarcoid	Horses	Cape Town	
Melanoma	Horses	Boland, Namibia	
Mikotic Rhinitis	Horses	Cape Town	
Squamous cell carcinoma	Horses	Boland	
<i>Draschia granulomas</i>	Horses	Namibia, Boland	
Cardiomyopathy	Sheep	Oudtshoorn	
Pneumonia/ <i>Pasteurella</i>	Sheep	Country wide	
Pulpy kidney	Sheep	E-Cape, West Coast	
Johnes disease	Sheep	West Coast/Mossel Bay	
<i>Pteronia pallens</i>	Sheep	West Coast	
Bacterial enteritis	Sheep	West Coast	
Internal parasites	Sheep	North West	
Abortions/Bacterial	Sheep	Country wide	

placentitis			
“Geeldikkop”	Goats	Upington	
CCN	Goats	Kimberley	
Cardiomyopathy	Sable	Kimberley	
Metastatic carcinoma	Cheetah	Free State	
Kidney dysplasia	Roan	Namibia	
Rabies	Dog	Namibia	

Monthly report by dr. Annelize Jonker, Stellenbosch Provincial laboratory

Cattle

- *Salmonella* I was isolated from intestinal swabs from 2 week old calves in the Heidelberg area.
- *Trueperella pyogenes* was isolated from swabs taken of abscesses in cattle in the Stellenbosch area.
- Muroid *E. coli* was isolated from the small intestine and faeces of a calf from the Stellenbosch area.

Sheep

- *Mannheimia haemolytica* was isolated from a swab taken from an udder at necropsy. The carcass came from a farm in the Stellenbosch area.
- *E. coli* & *Mannheimia haemolytica* were isolated from a lung of a lamb from the Sutherland area. *E. coli* was also isolated from other organs, the brain and two joints of the same lamb.
- *Trueperella pyogenes* was isolated from a lung sample. Macroscopic necropsy findings were purulent pneumonia. The sheep came from a farm in the Stellenbosch area.

Pigs

- *Salmonella* I was isolated from small intestine samples from piglets from the Heidelberg area

Monthly report from Dr J.H.Vorster , Veterinary Pathologist, Vetdiagnostix Veterinary Pathology Services Pty Ltd, Pietermaritzburg.

Species	Province	Diagnosis
BOVINE	KZN	<i>Trueperella pyogenes</i> metritis
BOVINE	KZN	Actinomycotic encephalitis
BOVINE	KZN	<i>Tritrichomonas foetus</i>
BOVINE	KZN	Bovine Respiratory Syncytial Virus
BOVINE	KZN	Snotsiekte
BOVINE	Western Cape	Cachexia and chronic pneumonia
BOVINE	Western Cape	<i>Tritrichomonas foetus</i>
OVINE	Mpumulanga	Caseous lymphadenitis
OVINE	Mpumulanga	Toxoplasmosis
OVINE	KZN	Listeriosis
OVINE	KZN	Jaagsiekte
CAPRINE	KZN	Dermatophilosis
EQUINE	KZN	Jaagsiekte (Crotalaria poisoning)
EQUINE	KZN	Squamous cell carcinoma - eye
PORCINE	KZN	Haemolytic <i>E. coli</i>
PORCINE	KZN	Greasy pig disease (<i>Staph hyicus</i>)
PORCINE	KZN	Colisepticaemia
PORCINE	KZN	Water deprivation /salt poisoning