

# **Month report on livestock disease trends as informally reported by veterinarians in South Africa July 2012**

## **Introduction**

The big difference between day and night temperatures had a big influence on the occurrence of pneumonia in production animals. Many farmers are still not vaccinating their animals against viruses causing pneumonia and pasteurellosis and they are now paying the price.

In spite of the cold conditions some colleagues are still reporting the presence of wireworm, paramphismiasis, blue ticks and bont ticks. From some areas red water, heartwater and anaplasmosis cases were reported. Due to stress, protein and energy deficiencies lice infestations are rife.

Venereal diseases are spreading and veterinarians have a big role to play in combating trichomonosis and vibriosis.

Controlled diseases such as brucellosis, anthrax and sheep scab have been reported and farmers have to adhere to vaccination programmes and to see to it that their small stock are free of sheep scab.

Every month there are reports of clostridial diseases such as black quarter, gasgangrene, red gut, blood gut, botulism and pulpy kidney. Veterinarians are there to advise farmers on their vaccination programs.

Many colleagues have reported abortions in all production animal species and farmers are urged to contact their veterinarians so as to establish the cause and to put control measures in place.

Due to lack of essential nutrients and energy, poor conception figures are recorded and even deaths occur. Corrective actions should be taken to curb further losses. Contact you veterinarian for advice.

Due to vitamin shortages, dust and bacterial infections, ophthalmia are present in many animals.

Due to lack of grazing and winter rains poisoning due to toxic plants eg. tulip may occur and farmers should be aware of this.

## **Level of Reporting**

The following colleagues submitted reports for July 2012:

### **Mpumalanga**

Dr. Neil Fourie and Johan Barkhuizen - Middelburg  
Drs. Dieter Weber and Wolfgang Niebuhr – Piet Retief  
Dr. Louis van Jaarsveld – Balfour  
Dr. André Visser – Volksrust  
Dr. Ben Potgieter – Ermelo

Dr. Kobie Kroon – Standerton

**Free State**

Dr. Kobus Pretorius - Hoopstad  
Drs. Hasselt and Blaauw – Ladybrand  
Dr. Johan Kahtz – Viljoenskroon  
Dr. Stephan Wessels – Bloemfontein  
Drs. I. Hattingh and W. D. Hauptfleisch – Villiers  
Drs. Scheepers, Thirion and Nel – Harrismith

**North West**

Dr. Piet Nel - Christiana

**KwaZulu-Natal**

Dr. Hartley and Fowler – Mooiriver  
Dr. Trever Viljoen - Mtubatuba  
Dr. Phillip Kretzmann – Pietermaritzburg

**Eastern Cape**

Dr. Roland Larson – Graaff-Reinet  
Dr. Johan Olivier - Alexandria

**Western Cape**

Drs. Jaco Pienaar and Bennie Grobler – Beaufort West  
Dr. Glen Carlisle - Oudtshoorn  
Dr. Jacques Malan - Swellendam  
Dr. Marc Walton - Ceres

**Feedlot report**

Dr. Eben du Preez

**General disease trends and discussion as informally reported by veterinarians during July 2012**

Index

[Internal parasites](#)

[External parasites](#)

[Tick borne diseases](#)

[Insect transmittable diseases](#)

[Venereal diseases](#)

[Other bacterial diseases](#)

[Other viral diseases](#)

[Fungal diseases](#)

[Other protozoal diseases](#)

[Poisonings](#)

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

[Nutritional deficiencies](#)

[Ostriches](#)

[Horses](#)

[Pigs](#)

.....  
**Internal parasites**

**Roundworms**

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

**Free State:**

**Hoopstad: dr. Kobus Pretorius**

Intestinal roundworms (B,O 1)

**KwaZulu-Natal:**

**Mtubatuba: Trever Viljoen**

Intestinal roundworms (B,O,C 2)

**Western Cape**

**Beaufort-Wes: dr. Jaco Pienaar and dr. Bennie Grobler**

Intestinal roundworms (O 3) Hopefully this is the last of the wireworm season but now long-necked bankrupt worm infestation is on the rise.

**Resistant roundworms**

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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								

**Mpumalanga**

**Volkstrust: dr. André Visser**

Resistant roundworms (O 2)

## Tape worms

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

### Mpumalanga

#### Middelburg: drs. Fourie en Barkhuizen

Tape worms (O 1) Pot bellied lambs were treated with a well known tapeworm remedy but they were still dying. At PM it was found that animals were still infested with tape worms. The question to be answered is whether treatment was done correctly or whether we are dealing with drug resistance.

#### Standerton: dr. Kobie Kroon

Tapeworms (O 2)

### Free State

#### Hoopstad: dr. Kobus Pretorius

Tapeworms (O 1)

#### Bloemfontein: dr. Stephan Wessels

Tape worms (O 2)

#### Villiers: drs. I Hattingh and W.D Hauptfleisch

Tape worms (O 2)

### KwaZulu-Natal

#### Mtubatuba: Trever Viljoen

Tape worms (C 2)

### Western Cape

#### Beaufort-Wes: drs. Jaco Pienaar and Bennie Grobler

Tape worms (O 1)

## Cysticercosis

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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						C			

### KwaZulu-Natal

#### Mtubatuba: Trever Viljoen

Cysticercosis (C 2)

## Liver fluke

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

## Mpumalanga

**Standerton: dr. Kobie Kroon**

Liver fluke (B,O 2)

**Balfour: dr. Louis van Jaarsveld**

Liver fluke (B 1)

**Villiers: drs. I Hattingh and W.D Hauptfleisch**

Liver fluke (B,O 3) Animals grazing earlier in vleis are worst affected.

## Conical fluke (Paramphistomosis)

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

## Mpumalanga

**Ermelo: dr. Ben Potgieter**

Conical fluke (B 1) Conical fluke outbreaks mainly in young animals (heifers and first calf heifers) in poor condition.

**Standerton: dr. Kobie Kroon**

Conical fluke (B 2)

## Free State

**Ladybrand: drs. Van Hasselt and Blaauw**

Conical fluke (O 3)

**Bloemfontein: dr. Stephan Wessels**

Conical fluke (O 1)

**Villiers: drs. I Hattingh and W.D Hauptfleisch**

Conical fluke (B 3) Animals grazing in vleis are worst affected.

## Western Cape

**Beaufort-Wes: drs. Jaco Pienaar and Bennie Grobler**

*Paramphistomum* (B 1) Cattle that had *Paramphistomum* came in from other areas (Graaff-Reinet and the Free State).

## *Parafilaria*

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

## Mpumalanga

**Middelburg: drs. Fourie en Barkhuizen**

*Parafilaria* (B 1) Severe lesions caused by *Parafilaria* seen in bulls in the Roosenekal area. Animals treated with nitroxinyl and will only be slaughtered after a long interval.

## KwaZulu-Natal

**Mtubatuba: Trever Viljoen**

Parafilaria (B 2)

---

# External parasites

## Blue Ticks

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

## Mpumalanga

**Volksrust: dr. André Visser**

Blue ticks (B 2)

## Free State

**Hoopstad: dr. Kobus Pretorius**

Blue ticks (B,O 1)

**Bloemfontein: dr. Stephan Wessels**

Blue ticks (B 3)

## KwaZulu-Natal

**Pietermaritzburg: dr. Phillip Kretzmann**

Blue ticks (B,O,C 3)

**Mtubatuba: Trever Viljoen**

Blue ticks (B 3)

## Resistant ticks

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

## Bont-legged tick

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

## Bont tick (Heart water tick)

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

### North West

**Christiana: dr. Piet Nel**

Heart water ticks (B 3) Ticks found on cattle in July

### KwaZulu-Natal

**Pietermaritzburg: dr. Phillip Kretzmann**

Bont tick (B,O,C 2)

**Mtubatuba: Trever Viljoen**

Heart water ticks (B,O,C 3)

## Brown ear ticks

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

### Free State

**Viljoenskroon: dr. Johan Kahts**

Brown ear ticks (B 3)

**Hoopstad: dr. Kobus Pretorius**

Brown ear ticks (B,O 3)

### KwaZulu-Natal

**Mtubatuba: Trever Viljoen**

Brown ear ticks (B 2)

## Paralysis ticks

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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				

**Bloemfontein: dr. Stephan Wessels**

Paralysis ticks (B 1)

## Biting Lice

Province	Mpumalanga	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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				3		1		
Species affected	B				B		O		

### Mpumalanga

**Balfour: dr. Louis van Jaarsveld**

Biting lice (B 2)

### Free State

**Viljoenskroon: dr. Johan Kahts**

Biting lice (B 3)

**Hoopstad: dr. Kobus Pretorius**

Biting lice (B 3)

### Eastern Cape

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

Biting lice (O 1) *Damalinia* spp. In a sheep flock.

## Sucking Lice

Province	Mpumalanga	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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				3			2	
Species affected	B				B			C	

### Mpumalanga

**Volksrust: dr. André Visser**

Sucking lice (B 2)

### Free State

**Viljoenskroon: dr. Johan Kahts**

Sucking lice (B 3)

**Bloemfontein: dr. Stephan Wessels**

Sucking lice (B 2)

### Eastern Cape

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

Sucking lice (C 2)

## Screw worm

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

### KwaZulu-Natal

**Mtubatuba: Trever Viljoen**

Screw worms (B,C 2)



## Mites

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease	1				1		1		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance	1				3		1		
Species affected	0				0		0		

## Mpumalanga

**Balfour: dr. Louis van Jaarsveld**

Mites (0 1)

## Free State

**Hoopstad: dr. Kobus Pretorius**

Mites (0 3)

## Eastern Cape

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

Mites (0 1)

## Nuisance and biting flies,

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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: Trever Viljoen**

Nuisance flies (B 2)

## Blow flies

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease					1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					1				
Species affected					0				

## Free State

**Hoopstad: dr. Kobus Pretorius**

Blow flies (0 1)

## Midges

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

# Tick-borne diseases

## African Red water

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

### Mpumalanga

#### Ermelo: dr. Ben Potgieter

African red water (B 1)

#### Standerton: dr. Kobie Kroon

African red water (B 2)

#### Piet Retief: drs. Dieter Weber and Wolfgang Niebuhr

African red water (B 1)

### Free State

#### Harrismith: drs. Scheepers, Thirion en Nel

African red water (B 1)

#### Villiers: drs. I Hattingh and W.D Hauptfleisch

African red water (B 1)

### KwaZulu-Natal

#### Mtubatuba: Trever Viljoen

African red water (B 2)

#### Pietermaritzburg: dr. Phillip Kretzmann

African red water (B 2)

### Western Cape

#### Oudtshoorn: dr. Glen Carlisle

African red water (B 2) A group of approximately 20 cattle were bought in George and the day after offloading two died. When examined a number showed signs of African babesiosis. Relevant treatment stopped the deaths and illness.

## Asiatic Red Water

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

### Mpumalanga

#### Volksrust: dr. André Visser

Asiatic red water (B 1)

#### Ermelo: dr. Ben Potgieter

Asiatic red water (B 1)

## KwaZulu-Natal

**Pietermaritzburg: dr. Phillip Kretzmann**

Asiatic red water (B 1)

## Anaplasmosis

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

## Mpumalanga

**Volkstrust: dr. André Visser**

Anaplasmosis (B 2)

**Standerton: dr. Kobie Kroon**

Anaplasmosis (B 2)

**Piet Retief: drs. Dieter Weber and Wolfgang Niebuhr**

Anaplasmosis (B 1)

## Free State

**Bloemfontein: dr. Stephan Wessels**

Anaplasmosis (B 2) Two cows died with positive blood smears for anaplasmosis (Brandfort and Petrusburg areas)

**Ladybrand: drs. Van Hasselt and Blaauw**

Anaplasmosis (B 3)

**Villiers: drs. I Hattingh and W.D Hauptfleisch**

Anaplasmosis (B 1)

**Hoopstad: dr. Kobus Pretorius**

Anaplasmosis (B 3)

## KwaZulu-Natal

**Mooi River: drs. Hartley and Fowler**

Anaplasmosis (B 2) Infected ticks probably brought in with hay bales.

**Pietermaritzburg: dr. Phillip Kretzmann**

Anaplasmosis (B 2)

## Heart water

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

## North West

**Christiana: dr. Piet Nel**

Heart water (B 2) Heartwater has not occurred in this area before.

## KwaZulu-Natal

**Mooi River: drs. Hartley and Fowler**

Heart water (B 1)

**Mtubatuba: Trever Viljoen**

Heart water (B,O,C 3) Still a problem especially in animals brought into the area.

**Pietermaritzburg: dr. Phillip Kretzmann**

Heart water (B,C 2)

## Sweating sickness

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

## Free State

**Hoopstad: dr. Kobus Pretorius**

Sweating sickness (B 1)

## Other tick-borne diseases

### Corridor disease

## Insect transmittable diseases

### Lumpy skin disease

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

## Mpumalanga

**Volkstrust: dr. André Visser**

Lumpy skin disease (B 1)

## KwaZulu-Natal

**Mtubatuba: Trever Viljoen**

Lumpy skin disease (B 2)

### Bovine ephemeral fever (Three day stiff sickness)

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

## Blue tongue

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

## Venereal diseases

### Trichomoniasis

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

### Mpumalanga

#### **Volkstrust: dr. André Visser**

Trichomonosis (B 2)

#### **Ermelo: dr. Ben Potgieter**

Trichomonosis (B 3) Two bulls positive for trichomonosis in Dewetsdorp area after poor conception results were recorded.

#### **Middelburg: drs. Fourie en Barkhuizen**

Trichomonosis (B 2)

#### **Standerton: dr. Kobie Kroon**

Trichomonosis (B 3) Many positive cases still occurring

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

Trichomonosis (B 1)

### North West

#### **Christiana: dr. Piet Nel**

Trichomonosis (B 2) On one farm found 4 positive bulls

### Free State

#### **Bloemfontein: dr. Stephan Wessels**

Trichomonosis (B 2)

#### **Ladybrand: drs. Van Hasselt and Blaauw**

Trichomonosis (B 2) Two out of 6 bulls tested positive for Tritrichomonas. Farmer has not tested bulls for past 5 years and has a neighbour who brought bulls in from Lesotho. Trichomonosis an increasing problem and good cow management should be applied.

#### **Viljoenskroon: dr. Johan Kahts**

Trichomonosis (B 2)

#### **Hoopstad: dr. Kobus Pretorius**

Trichomonosis (B 3)

#### **Villiers: drs. I Hattingh and W.D Hauptfleisch**

Trichomonosis (B 3)

### Vibriose

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

No 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

#### Bloemfontein: dr. Stephan Wessels

Vibriosis (B 1) Two bulls tested positive in the Wepener area after poor conception results in the herd.

#### Hoopstad: dr Kobus Pretorius

Trichomonosis (B 3)

### Peestersiekte

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

### Free State

#### Hoopstad: dr. Kobus Pretorius

Peestersiekte (O 1)

### Western Cape

#### Beaufort-Wes: drs. Jaco Pienaar and Bennie Grobler

Peestersiekte (O 2)

## Bacterial diseases

### Anthrax

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

### Free State

#### Bloemfontein: dr. Stephan Wessels

Anthrax (O 3) Outbreak of anthrax in young lambs in the Verkeerdevelei district. Sample was sent to Onderstepoort after 8 weaned lambs died. Severe swelling after blue tongue inoculation. Onderstepoort confirmed positive culture of *Bacillus anthracis*.

### Black leg

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

## Mpumalanga

**Volksrust: dr. André Visser**

Black quarter (B 1)

**Ermelo: dr. Ben Potgieter**

Black quarter (B 3) Numerous outbreaks of black quarter in heifers that had been vaccinated with multiclostridial vaccines.

**Middelburg: drs. Fourie en Barkhuizen**

Black quarter (B 1) Classical signs seen in a young heifer caused by *Clostridium chauvoei*. It is important to isolate the causing organism. These animals were not vaccinated.

## Free State

**Viljoenskroon: dr. Johan Kahts**

Black quarter (B 1)

**Hoopstad: dr. Kobus Pretorius**

Black quarter (B 2)

## Swelled head

Province	Mpuma-langa	Gauteng	Limpopo	North West	FreeState	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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

**Piet Retief: drs. Dieter Weber and Wolfgang Niebuhr**

Swelled head (B 1)

## Uterine gangrene

Province	Mpuma-langa	Gauteng	Limpopo	North West	FreeState	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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							C		

## Eastern Cape

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

Uterine gangrene (C 2) caused by *Clostridium septicum*. A few Boer goat flocks had this problem. Boer goats were kraaled at night, lambed in the kraal and died after 24 to 72 hours. Farmer advised to vaccinate his ewes against *C. septicum* and to improve kraal hygiene.

## Pulpy Kidney

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

## Mpumalanga

**Volksrust: dr. André Visser**

**Pulpy kidney (B 1)**

**Western Cape**

**Swellendam: dr. Jacques Malan**

Pulpy kidney (O 2)

**Lamb dysentery (*Clostridium perfringens* type B)**

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

**Red gut (B)/Blood gut(O)**

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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				3			2	
Species affected	B				O			O	

**Mpumalanga**

**Balfour: dr. Louis van Jaarsveld**

Red gut (B 1)

**Free State**

**Viljoenskroon: dr. Johan Kahts**

Blood gut (O 2)

**Hoopstad: dr. Kobus Pretorius**

Blood gut (O 3)

**Western Cape**

**Beaufort-Wes: drs. Jaco Pienaar and Bennie Grobler**

Blood gut (O 2) *Clostridium perfringens* type A infection in kids from 2 weeks of age.

Was seen in flocks (ewes) not vaccinated with multiclostridial vaccines. Healthy kids in good condition just found dead.

**Tetanus**

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

**Botulism**

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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

### Oudtshoorn: dr. Glen Carlisle

Botulism (B 3) A farmer who feeds his cattle on a zero grazing system with his own milled lucern lost 37 cattle over a period of two weeks. The animals became lame in the hind quarters, recumbent, rumen stasis, tongue paralysis and death within 24-36 hours. Surprisingly approximately 7 animals which were in sternal recumbency and not showing too severe symptoms recovered uneventfully. The symptoms stopped a week after botulism vaccination.

## Brucellosis

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

## Mpumalanga

### Standerton: dr. Kobie Kroon

Ringworm (B 2)

## Free State

### Bloemfontein: dr. Stephan Wessels

Brucellosis (B 3) Two positive cows after they aborted in the Brandfort area.

### Harrismith: drs. Scheepers, Thirion en Nel

Brucellosis (B 2) two new farms positive for brucellosis. Increasing beef herds testing positive.

### Ladybrand: drs. Van Hasselt and Blaauw

Brucellosis (B 3) 4 cows aborting in a herd in one week. All 4 positive for brucellosis. Reported outbreak to State.

### Hoopstad: dr. Kobus Pretorius

Brucellosis (B 3)

### Viljoenskroon: dr. Johan Kahts

Brucellosis (B 3) The occurrence of brucellosis becoming a greater problem without knowing the source. We should revisit CA tests, vaccination programmes and discuss this increasing problem.

## *E. coli*

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

## Free State

### Villiers: drs. I Hattingh and W.D Hauptfleisch

*E. coli* (O 2)

### Hoopstad: dr. Kobus Pretorius

*E. coli* (B 1)

## Salmonellosis

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

### Free State

**Hoopstad: dr. Kobus Pretorius**  
Salmonellosis (B 1)

## Lumpy wool (*Dermatophilus*)

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

## Other bacterial infections

### Western Cape

**Beaufort-Wes: drs Jaco Pienaar and Bennie Grobler**

*Erysipelas* (C 1) Diamond skin disease in dwarf goats. Goats develop a dermatitis and cellulitis especially around the mouth and hooves. Goats lose weight, have a fever and do not want to walk as a result of arthritis. The problem occurs on pastures where pig dung is used as fertilizer and where there is a history of *Erysipelas*.

## Viral diseases

### BMC (Snotsiekte)

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

### BVD

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

### IBR

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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				

### Free State

**Viljoenskroon: dr. Johan Kahts**  
IBR (B 3)

### Bovine leukosis

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

### Mpumalanga

**Volkstrust: dr. André Visser**  
Bovine leukosis (B 1)

### Eastern Cape

**Alexandria: dr. Johan Olivier**  
Bovine leukosis (B 1)

### Rota virus

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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. Jacques Malan**  
Rotavirus (B 3) Rotavirus infection causing diarrhoea in dairy calves – positive laboratory isolation of virus.

### Warts & Orf

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

### Mpumalanga

**Standerton: dr. Kobie Kroon**  
Orf (O 2)

**Balfour: dr. Louis van Jaarsveld**  
Orf (C 1)

### Free State

**Hoopstad: dr. Kobus Pretorius**

Warts (B 1)

### KwaZulu-Natal

**Mtubatuba: dr. Trever Viljoen**

Warts (B 2)

### Western Cape

**Beaufort-Wes: drs. Jaco Pienaar and Bennie Grobler**

Vuilbek (O 1)

## Rabies

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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					O,Dog				

### Free State

**Ladybrand: drs. Van Hasselt and Blaauw**

Rabies in a dog

**Villiers: drs. I Hattingh and W.D Hauptfleisch**

Rabies (O 1)

## Other viral infections

---

## Fungal Diseases

### Ringworm

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

### Mpumalanga

**Balfour: dr. Louis van Jaarsveld**

Ring worm (B 1)

**Standerton: dr. Kobie Kroon**

Ringworm (B 2)

### Free State

**Viljoenskroon: dr. Johan Kahts**

Ringworm (B 3)

**Hoopstad: dr. Kobus Pretorius**

Ringworm (B 1)

**Villiers: drs. I Hattingh and W.D Hauptfleisch**  
Ringworm (B 1)

**KwaZulu-Natal**

**Mtubatuba: dr. Trever Viljoen**  
Ringworm (B 2)

**Western Cape**

**Oudtshoorn: dr. Glen Carlisle**  
Ringworm (B 1)

**Diseases cause by protozoa**

**Nagana**

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

**KwaZulu-Natal**

**Mtubatuba: dr. Trever Viljoen**

Nagana (B 3) Lot of cases found, maybe due to increased role of game farms with carrier animals? The cattle may be at increased risk as a result of longer dipping intervals in winter.

**Coccidiosis**

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

**Free State**

**Villiers: drs. I Hattingh and W.D Hauptfleisch**  
Coccidiosis (O,C 2)

**KwaZulu-Natal**

**Pietermaritzburg: dr. Phillip Kretzmann**  
Coccidiosis (C 2)

**Poisoning**

## Acidosis

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

### North West

#### Christiana: dr. Piet Nel

Acidosis in dairy cows due to faulty ration. Acute diarrhoea developed after faulty batch was fed. Increase in milk production after ration was corrected.

### Free State

#### Harrismith: drs. Scheepers, Thirion en Nel

Maize (O2) Acidosis. Have been grazing on harvested maize fields. With cold wet weather overfed on maize – 4 deaths and 4 affected.

## Urea poisoning

Province	Mpuma-langa	Gauteng	Limpopo	North West	Freestate	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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				B				

### Mpumalanga

#### Ermelo: dr. Ben Potgieter

Urea poisoning (B,O 1)

#### Middelburg: drs. Fourie en Barkhuizen

Tulip poisoning (B 2) Green tulip is seen all over the area. Animals that do not know the plant will be poisoned. Cattle reared on grazing where tulip is present will avoid the plant. The best treatment is activated charcoal at a dose of 2 gram per kg body weight.

### Free State

#### Harrismith: drs. Scheepers, Thirion en Nel

Urea poisoning (B 1)

## Tulip poisoning

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

### Mpumalanga

### Free State

#### Harrismith: drs. Scheepers, Thirion and Nel

Due to winter rain and warm weather tulip poisoning is expected.

**Hoopstad: dr. Kobus Pretorius**  
Tulip poisoning (B,O 3,2)

**KwaZulu-Natal**

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

**Prussic acid poisoning**

Province	Mpuma-langa	Gauteng	Limpopo	North West	Freestate	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No vets reporting this disease					1				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Level of importance					2				
Species affected					0				

**Free State**

**Hoopstad: dr. Kobus Pretorius**  
Prussic acid poisoning (O 2)

**Other poisonings**

**North West**

**Christiana: dr. Piet Nel**

Salt poisoning. Heifer showed nervous signs and died acutely. Histopathology indicated salt poisoning. Difficult to establish source of poisoning as only one animal was poisoned and there was sufficient water available.

**Free State**

**Harrismith: drs. Scheepers, Thirion en Nel**

Soya (O 2) Frothy bloat 16 sheep died grazing on harvested soya fields. Frothy bloat with pH 6. Sheep treated with cooking oil.

Maize (O2) Acidosis Have been grazing on harvested maize fields. With cold wet weather overfed on maize – 4 deaths and 4 affected.

Rye (B 2) Weaner calves grazing permanently on rye with roughage bales available. Two calves found dead in early morning due to frothy bloat. Take weaners in evening out of rye field and put to grazing on veld with extra bales available. Calves only put back on rye after 10 am or even later when heavy frost occurred.

**Western Cape**

**Ceres: dr. Marc Walton**

Onion toxicity (B 3) One cow died and 3 with weight loss.

**Swellendam: dr. Jacques Malan**

Kiesieblaar (*Malva parviflora*)(O 2) Few cases of polioencephalomalacia in a camp with abundant kiesieblaar.

**Western Cape**

**Beaufort-Wes: dr. Jaco Pienaar and dr. Bennie Grobler**

Witstorm (B 2) During the winter months in the Karoo, witstorm (*Thesium lineatum*) is green and succulent. Animals eat this plant when other plants are dry and poisoning can occur. Plants on the southern side of mountains usually cause poisoning. Animals develop black diarrhoea or are just seen dead. Post mortem usually negative.

## Eastern Cape

**Alexandria: dr. Johan Olivier**

*Cynanchum* poisoning (B 3)

## Conditions that are caused by more than one organism or disease causing factor

### Abortions

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

## Mpumalanga

**Volkstrust: dr. André Visser**

Abortions (B 1)

**Ermelo: dr. Ben Potgieter**

Abortions (B 2)

**Middelburg: drs. Fourie en Barkhuizen**

Abortion (B 1) A possible cause of abortion in the Hendrina area was diagnosed as iodine deficiency. The reason for an aborted foetus with an enlarged thyroid is probably due to an iodine deficiency in the area. Abortions due to an iodine deficiency is well known in other areas of the world. Further tests are done to confirm the diagnosis.

**Balfour: dr. Louis van Jaarsveld**

Abortions (B,C 1) on maize stubble. Light rain in June led to fungal growth on cobs which resulted in abortions

**Piet Retief: drs. Dieter Weber and Wolfgang Niebuhr**

Abortion (B 2)

## Free State

**Ladybrand: drs. Van Hasselt and Blaauw**

Abortions (B 3)

**Hoopstad: dr. Kobus Pretorius**

Abortions (B,O 3,3) due to brucellosis, poor nutrition, enzootic abortion in sheep.

**Viljoenskroon: dr. Johan Kahts**

Abortions (B 3) Increasing number of abortions seen without establishing the cause.

**Villiers: drs. I Hattingh and W.D Hauptfleisch**

Abortions (O 2)

## KwaZulu-Natal

**Mtubatuba: dr. Trever Viljoen**

Abortions (B 2)



## Eastern Cape

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

Abortions (C 1)

## Western Cape

**Swellendam: dr. Jacques Malan**

Abortions (B 2) Four abortions in one dairy herd due to *Neospora caninum*.

## Poor Conception

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

## Mpumalanga

**Ermelo: dr. Ben Potgieter**

Poor conception (B 2) Poor grazing during breeding season and poor conception rates only in certain herds coupled with poor condition scores in animals.

**Balfour: dr. Louis van Jaarsveld**

Poor conception (B 2) Ration changes in March and April led to poor conception rates.

## Free State

**Ladybrand: drs. Van Hasselt and Blaauw**

Herd with 77% conception. Previously bulls tested positive for *Tritrichomonas*. Positive bulls were culled each year but cow management was not followed. On PD's cows with pyometra were found.

**Villiers: drs. I Hattingh and W.D Hauptfleisch**

Poor conception (B,O 2)

## KwaZulu-Natal

**Mtubatuba: dr. Trever Viljoen**

Poor conception (B 2)

## Dystocia

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

## Mpumalanga

**Volksrust: dr. André Visser**

Dystocia (B 1)

**Ermelo: dr. Ben Potgieter**

Dystocia (B 3)

**Standerton: dr. Kobie Kroon**

Dystocia (B 2)

**Balfour: dr. Louis van Jaarsveld**  
Dystocia (B,O,C 2)

**Free State**

**Harrismith: drs. Scheepers, Thirion and Nel**  
Dystocia (B 3) Problem in heifers due to too small pelvises and too big calves.

**Hoopstad: dr. Kobus Pretorius**  
Dystocias (B 1)

**Villiers: drs. I Hattingh and W.D Hauptfleisch**  
Dystocia (B 1)

**KwaZulu-Natal**

**Mtubatuba: dr. Trever Viljoen**  
Dystocia (B,C 2)

**Eastern Cape**

**Graaff-Reinet: dr. Roland Larson**  
Dystocia (B 2) Heifers too young and small (had to help 5 out of 52). Very difficult cases. Good grazing also played a role giving rise to large calves.

**Alexandria: dr. Johan Olivier**  
Dystocia(B 3) Severe cold front with exceptional high rainfall and low temperatures give rise to metabolic problems the following week.

**Western Cape**

**Ceres: dr. Marc Walton**  
Dystocia (B 2) Three heifers and 3 cows, dead calf every time.

**Oudtshoorn: dr. Glen Carlisle**  
Dystocia (B 1)

**Metritis**

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

**Free State**

**Ladybrand: drs. Van Hasselt and Blaauw**  
Metritis (B 3)

**Hoopstad: dr. Kobus Pretorius**  
Metritis (B,O 2,1)

**KwaZulu-Natal**

**Mtubatuba: dr. Trever Viljoen**  
Metritis (B 2)

**Eastern Cape**

**Graaff-Reinet: dr. Roland Larson**  
Metritis (C 2)

### Retained afterbirths

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

### Mpumalanga

**Volkstrust: dr. André Visser**  
Retained afterbirths (B 1)

### Free State

**Viljoenskroon: dr. Johan Kahts**  
Abortions (B 3)

**Hoopstad: dr. Kobus Pretorius**  
Retained afterbirths (B 2)

### Prolapses

Province	Mpumalanga	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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			B	

### Free State

**Harrismith: drs. Scheepers, Thirion and Nel**  
Prolapses (B 2) A few prolapses with stillborn calves – due to difficult calvings.

**Villiers: drs. I Hattingh and W.D Hauptfleisch**  
Prolapses (B,O 2)

### Western Cape

**Ceres: dr. Marc Walton** Prolaps (B 1) Prolaps in cow post calving.

### Navel infections

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

### Free State

**Ladybrand: drs. Van Hasselt and Blaauw**  
Naval ill (B 1)

## KwaZulu-Natal

**Mtubatuba: dr. Trever Viljoen**

Navel ill (O 2)

## Eastern Cape

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

Navel ill (C 1) in kids, *E. coli* isolated as pathogen.

## Joint-ill/Arthritis

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

## Mastitis

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

## Mpumalanga

**Volkstrust: dr. André Visser**

Mastitis (B 1)

**Balfour: dr. Louis van Jaarsveld**

Mastitis (B,O,C 2)

## Free State

**Hoopstad: dr. Kobus Pretorius**

Mastitis (B 1)

**Villiers: drs. I Hattingh and W.D Hauptfleisch**

Mastitis (B 1)

## KwaZulu-Natal

**Mtubatuba: dr. Trever Viljoen**

Mastitis (B 2)

## Foot rot and lameness

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

## Mpumalanga

**Ermelo: dr. Ben Potgieter**  
Footrot and lameness (B 1)

### Free State

**Viljoenskroon: dr. Johan Kahts**

Foot rot, lameness(B 3) Dry conditions causing hooves to become brittle and later on cracks develop leading to lameness. Especially seen in heavy bulls.

**Villiers: drs. I Hattingh and W.D Hauptfleisch**

Foot rot, lameness (B,O 2)

### KwaZulu-Natal

**Pietermaritzburg: dr. Phillip Kretzmann**

Lameness/hoof problems (B,C 2)

## Bloat

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

### Free State

**Harrismith: drs.Scheepers, Thirion and Nel**

Bloat (B 1)

## Diarrhoea

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

### Mpumalanga

**Volksrust: dr. André Visser**

Diarrhoea (B 1)

**Ermelo: dr. Ben Potgieter**

Diarrhoea (B 2)

**Balfour: dr. Louis van Jaarsveld**

Diarrhoea (B 1)

### KwaZulu-Natal

**Pietermaritzburg: dr. Phillip Kretzmann**

Diarrhoea (B,C 2)

**Mtubatuba: dr. Trever Viljoen**

Diarrhoea (O,C 2)

## Ophthalmia

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

### Mpumalanga

**Volkstrust: dr. André Visser**

Ophthalmia (B 2)

**Ermelo: dr. Ben Potgieter**

Ophthalmia (O 3)

### North West

**Christiana: dr. Piet Nel**

Ophthalmia (B,O 3) Widespread in the area. If vitamin A is given the condition improves. Local treatment with penicillin and cortisone in the eyelid gives fast recovery.

### Free State

**Ladybrand: drs. Van Hasselt and Blaauw**

Ophthalmia (B 2)

### KwaZulu-Natal

**Mtubatuba: dr. Trever Viljoen**

Ophthalmia (B 2)

## Abscesses

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

### Mpumalanga

**Standerton: dr. Kobie Kroon**

Abscesses (O 2)

**Balfour: dr. Louis van Jaarsveld**

Abscesses (B 1)

### KwaZulu-Natal

**Pietermaritzburg: dr. Phillip Kretzmann**

Abscesses (B 2)

**Mtubatuba: dr. Trever Viljoen**

Abscesses (B,C 2)

## Pneumonia

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

## Mpumalanga

### Ermelo: dr. Ben Potgieter

Pneumonia (B,O 3) Pneumonia in young and weaned calves and lambs. Big losses mostly in non-vaccinated animals.

### Balfour: dr. Louis van Jaarsveld

Pneumonia (B,O 2)

## Free State

### Bloemfontein: dr. Stephan Wessels

Pneumonia (B 2)

### Ladybrand: drs. Van Hasselt and Blaauw

Pneumonia (O 3)

### Hoopstad: dr. Kobus Pretorius

Pneumonia (B,O,C 3,3,3) Due to fluctuations in temperature.

### Heilbron: dr. Piet vanZyl

### Viljoenskroon: dr. Johan Kahts

Pneumonia (B 3)

### Villiers: drs. I Hattingh and W.D Hauptfleisch

Pneumonia (B,O 3) Cattle and sheep die acutely before any treatment could be given. At PM the only organs affected are the lungs showing signs of severe pneumonia. Animals were not immunized against pneumonia causing organisms. Large differences between day and night temperatures. Samples were sent away for confirmation of the diagnosis.

## KwaZulu-Natal

### Mtubatuba: dr. Trevor Viljoen

Pneumonia (B,O,C 2)

### Mooi River: drs. Hartley and Fowler

Pneumonia (B 2) Weaners not properly vaccinated and exposed to cold and frosty nights.

## Western Cape

### Beaufort-Wes: drs. Jaco Pienaar and Bennie Grobler

Pneumonia (O,C 3) Cold weather conditions and animals that were not vaccinated. Vaccination programmes should be adhered to.

---

## Nutritional deficiencies

### Macro feed deficiencies

#### Protein

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

## Mpumalanga

**Middelburg: drs. Fourie en Barkhuizen**

Protein deficiency (B,O 3)

## KwaZulu-Natal

**Pietermaritzburg: dr. Phillip Kretzmann**

Protein deficiency (B,O,C 3) Drought related macronutrient deficiencies.

## Western Cape

**Beaufort-Wes: drs. Jaco Pienaar and Bennie Grobler**

Starvation and mismothering (C 3)

## Energy

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

## Mpumalanga

**Middelburg: drs. Fourie en Barkhuizen**

Energy deficiency (B,O 3)

**Balfour: dr. Louis van Jaarsveld**

Energy deficiency, poor grazing, veld fires, lack of nutrition , lean animals, pregnant animals stay down.

## Free State

**Villiers: drs. I Hattingh and W.D Hauptfleisch**

Energy deficiency (O,C 3)

**Viljoenskroon: dr. Johan Kahts**

Energy deficiency (B 3)

## KwaZulu-Natal

**Pietermaritzburg: dr. Phillip Kretzmann**

Energy deficiency (B,O,C 3)

**Mooi River: drs. Hartley and Fowler**

Energy deficiency (B 2)

## Phosphate

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



## Calcium

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

### Free State

**Villiers: drs. I Hattingh and W.D Hauptfleisch**  
Calcium deficiency (O,C 3)

## Other Micro feed conditions

### Copper

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

### Selenium

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

### Mpumalanga

**Standerton: dr. Kobie Kroon**  
Selenium deficiency (B 3)

### Iodine

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

### Mpumalanga

**Middelburg: drs. Fourie en Barkhuizen**

Abortion (B 1) A possible cause of abortion in the Hendrina area was diagnosed as iodine deficiency. The reason for an aborted foetus with an enlarged thyroid is probably due to an iodine deficiency in the area. Abortions due to an iodine deficiency is well known in other areas of the world. Further tests are done to confirm the diagnosis.

### Kwa Zulu- Natal

**Mooi River: drs. Hartley and Fowler**

Iodine deficiency (B 2) Deficiency seen mainly in heifers calving for the first time - very weak or stillborn calves. Animals respond well to Embamin.

**Free State**

**Vitamin A**

Province	Mpuma-langa	Gauteng	Limpopo	North West	Free State	KwaZulu Natal	Eastern Cape	Western Cape	Northern Cape
No 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,O				

**Free state**

**Hoopstad: dr. Kobus Pretorius**

Vitamin A deficiency (B,O 3,3)

**Red gut in sheep**

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

**Metabolic diseases**

**Free State**

**Villiers: drs. I Hattingh and W.D Hauptfleisch**

Pregnancy toxaemia/milk fever (O,C) Heavy pregnant ewes recumbent and die if not treated. Ewes that are affected fall into two groups: those in fairly good condition (2 to 2,5) and those in good condition (3 to 3,5). The conditions can be ascribed to poor rainfall late in summer and also due to poor grazing conditions in early summer.

Harvested crop fields have insufficient nutritional value. Numerous farmers have also changed to 3 lambings in 2 years and this is for many the first time that lambs are born in winter when nutritional conditions are less favourable for ewes.

**Horses**

**Swine**

**KwaZulu-Natal**

**Pietermaritzburg: dr. Phillip Kretzmann**

---

## Feedlot report

Dr. Eben du Preez – feedlot consultant

### Sheep:

Pulpy kidney was diagnosed in lambs that had not been vaccinated or in lambs that had problems with adaptation in the feedlot.

Cases of “chronic pulpy kidney” were seen where lambs had insufficient immunity against pulpy kidney resulting in posterior paralysis due to the spinal cord being affected by the toxin.

Numerous underweight lambs had problems adapting and died especially as a result of the cold weather conditions and due to very little fat reserves in the body. Lambs had a lack of energy due to too low feed intake and this led to deaths.

Fleece rot lesions were still seen especially in Dorpers from the Kalahari. These sheep were born before the wet season in December. Dermal infections caused by *Pseudomonas* and *Staphylococcus* bacteria led to permanent skin, hair and wool damage. Sun burn occurred on the bare skin. A case of scab infestation occurred in these infected animals.

### Cattle

A case of bovine malignant catarrh (snotsekte) was reported.

At an abattoir a hindquarter of a bovine was condemned due to old injection lesions in the gluteus muscle. This must have taken place before the animal entered the feedlot as no animal in a feedlot is to be vaccinated in the expensive meat cut area of the body.

Calves injected with tetracycline in the neck area developed large abscesses. Any animal designated to be slaughtered for meat production should never be injected intra muscularly anywhere else but in the neck region especially when a tetracycline is injected. Some of the tetracycline products cause less damage but also take into account the size of the animal and the volume to be injected – rather split the dose and inject the dose at various sites.

Botulism cases occurred in cattle given chicken litter and had been vaccinated once only. It is imperative that boosters should be given.

Cases of acidosis in feedlots were seen which often goes hand in hand with changes in ration formulation. Liver abscesses seen in abattoirs are usually coupled with acidosis during the feedlot process.

Vitamin B1 deficiencies occur when cattle suffer from acidosis. The brain is affected and nervous symptoms seen.

Liver fluke and liver lesions are seen at abattoirs especially in the eastern part of the country.

*Parafilaria* lesions were seen in cattle coming from the northern region of the country. Affected areas have to be cut away at the abattoir resulting in financial loss to the owners.

The sporadic presence of measles in carcasses was seen and such a carcass had to be frozen at a cost to the owner. Farm workers are sometimes the source of infection and medication and protective clothing are important to prevent infection. Many times the workers are not aware that they are infected with the tape worm *Taenia saginata* and if they pass tapeworm segments containing thousands of eggs, numerous animals could become infected if these eggs are dropped into the feed.

Lice infestation is mainly a problem in winter and numerous cases were seen. Outbreaks occurred and spread fast in a feedlot and therefore speedy action need to be taken. Itching and rubbing against objects caused skin lesions and lowered growth rates.

Lung lesions seen at abattoirs due to pneumonia are more prevalent during this time of the year. Lighter calves on grazing are generally more affected with pneumonia.