

Follow-up report No.: 6

Report reference: RVF KZN 2009, OIE Ref: 8397, Report Date: 27/08/2009, Country: South Africa

Report Summary

Disease	Rift Valley fever	Animal type	Terrestrial
Causal Agent	Rift Valley fever virus	Clinical Signs	Yes
Reason	Reoccurrence of a listed disease	Date of first confirmation of the event	23/02/2009
Date of Start of Event	18/02/2009	Date of report	27/08/2009
Date Submitted To OIE	27/08/2009	Diagnosis	Clinical, Laboratory (advanced), Necropsy
Date Of Last Occurrence	01/06/2008	Number Of Reported Outbreaks	Submitted= 20, Draft= 0
Name of Sender of the report	Mr Bothle Michael Modisane	Address	Private Bag X250 PRETORIA
Position	Assistant Director General	Telephone	(27-12) 319 6500 / 319 6503
Fax	(27-12) 319 6281 / 323 3465 / 329 0499	Email	SMAH@nda.agric.za
Entered by	Mr Bothle Michael Modisane		

Outbreak (other report - submitted) (Tyrone)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Ingwe	Farm	Tyrone	-29,882	30,018	18/02/2009	15/03/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	1000	50	27	0	0	
Affected Population		A dairy farm. 22 adult cattle and 5 calves died.					

Outbreak (other report - submitted) (Stockton)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Ingwe	Farm	Stockton	-29,947	29,986	18/02/2009	15/03/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	800	5	1	0	0	
Affected Population		A calf died.					

Outbreak (other report - submitted) (Conference)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Ingwe	Farm	Conference	-30,021	29,886	25/02/2009	15/03/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	500	10	3	0	0	

Affected Population	3 calves died
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Outbreak (other report - submitted) (Allandale)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Ingwe	Farm	Allandale	-29,955	29,969	25/02/2009	15/03/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	100	1	1	0	0	
Affected Population							

Outbreak (other report - submitted) (Glen Gowrey)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Kwa Sani	Farm	Glen Gowrey	-29,85	29,229	27/02/2009	15/03/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	0	0	
Affected Population							

Outbreak (other report - submitted) (Eastwold)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Ingwe	Farm	Eastwold	-29,994	29,947	27/02/2009	15/03/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	800	2	2	0	0	
Affected Population Two adult cattle died.							

Outbreak (other report - submitted) (Rngstead)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Kwa Sani	Farm	Ringstead	-29,796	29,535	03/03/2009	15/05/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	1000	35	22	0	0	
Affected Population							

Outbreak (other report - submitted) (Moberley)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Ubuhlebezwe	Farm	Mount Hermon	-30,16667	29,93333	09/03/2009	15/04/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	600	3	1	0	0	
Affected Population							

Outbreak (other report - submitted) (Greenstead)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Lions River	Farm	Greenstead	-30,15317	29,44908	17/03/2009	31/03/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	12	1	0	0	0	
Affected Population							

Outbreak (other report - submitted) (Burnview)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Ingwe	Farm	Burnview	-30,01667	29,833333	23/03/2009	30/04/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	800	6	1	0	0	
Affected Population							

Outbreak (other report - submitted) (Ikwezi Trust)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	KwaSani	Farm	Ikwezi Trust	-29,76667	29,41667	01/04/2009	10/04/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	800	1	1	0	0	
Affected Population							

Outbreak (other report - submitted) (ILynton)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	KwaSani	Farm	llynton	-29,78333	29,5333	02/04/2009	15/04/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	800	11	1	0	0	
Affected Population							

Outbreak (other report - submitted) (Firle)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Mooi Mpofana	Farm	Firle	-29,24378	29,9205	03/04/2009	01/05/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	...	2	2	0	0	
Affected Population							

Outbreak (other report - submitted) (Brayhill)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Mooi Mpofana	Farm	Brayhill	-29,20067	29,8975	16/04/2009	16/05/2009

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Cattle	Animals	1200	1	1	0	0
Affected Population		One young heifer died. No further cases occurred.				

Outbreak (other report - submitted) (The Meads)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Matatiele	Farm	The Meads	-30,28333	28,95	24/04/2009	15/05/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	500	1	1	0	0	
Affected Population		A calf died					

Outbreak (other report - submitted) (Rustfontein)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Matatiele	Farm	Rustfontein	-30,43333	29,13333	28/04/2009	15/05/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	500	1	1	0	0	
Affected Population		A calf died					

Outbreak (other report - submitted) (Sherwood)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Mooi Mpofana	Farm	Sherwood	-29,28492	29,89728	29/04/2009	15/06/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	1400	1	1	0	0	
Affected Population							

Outbreak (other report - submitted) (Cromdale)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
MPUMALANGA	Mbombela	Farm	Cromdale	-25,52389	30,93694	15/05/2009	15/06/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Sheep	Animals	96	9	0	0	5	
Affected Population		9 ewes aborted.					

Outbreak (other report - submitted) (Broadacre)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	KwaSani	Farm	Broadacre	-29,77	29,57661	18/05/2009	15/07/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	800	70	0	0	0	

Affected Population	70 cows aborted.
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Outbreak (this report - submitted) (Lions River geldart)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
KWAZULU-NATAL	Umngeni	Farm	Lions River	-29,463646	30,16469	04/06/2009	30/06/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Sheep	Animals	...	1	1	0	0	
Affected Population							

Outbreak summary: Total outbreaks = 20 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Cattle	11612	201	66	0	0
Sheep	96	10	1	0	5

Epidemiology

Epidemiological comments
Farmers are well advised to vaccinate cattle, sheep and goats regularly in high-risk areas, especially in years of high rainfall. Vaccination is thus practised on a continuous basis but will be stepped up in high-risk areas. Rift valley fever is a notifiable disease in South Africa.
Source of the outbreak(s) or origin of infection
• Vectors

Control Measures

Applied	• Vaccination in response to the outbreak (s)	To be applied	• No Planned Control Measures
Animals treated	No	Vaccination Prohibited	No

Country / Zone

Country or zone	the whole country
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Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
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Future Reporting

What further reports will be submitted in relation to this event? The event is resolved. No more reports will be submitted.

Outbreak maps

