

Follow-up report No.: 1

Report reference: Bluetongue, OIE Ref: 7707, Report Date: 20/01/2009, Country: Israel

Report Summary

Disease	Bluetongue	Animal type	Terrestrial
Causal Agent	Bluetongue virus	Serotype(s)	Pending
Clinical Signs	Yes	Reason	Reoccurrence of a listed disease
Date of first confirmation of the event	09/12/2008	Date of Start of Event	05/11/2008
Date of report	20/01/2009	Date Submitted To OIE	20/01/2009
Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	Date Of Last Occurrence	2006
Number Of Reported Outbreaks	Submitted= 10, Draft= 0, Deleted= 0	Name of Sender of the report	Dr Moshe Chaimovitz
Address	post office box 12 BEIT DAGAN 50250	Position	Director
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Outbreak (other report - submitted) (HAZAV)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HADAROM	Ashkelon	Farm	HAZAV	31,7822762728	34,7681955092	05/11/2008	26/11/2008
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Sheep	Animals	900	70	15	0	0	
Affected Population		Non pregnant ewes were vaccinated after the first clinical signs were observed in the herd.					

Outbreak (this report - submitted) (SEDE ELIYYAHU)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HAZAFON	Yizreel	Farm	SEDE ELIYYAHU	32,440918222	35,5125656256	05/11/2008	05/11/2008
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	...	...	...	...	...	...
Affected Population							

Outbreak (this report - submitted) (KAMMON)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HAZAFON	Acco	Farm	KAMMON	32,9082582089	35,3602563156	05/11/2008	30/11/2008
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Goats	Animals	1500	...	...	...	...	...

Affected Population

Outbreak (this report - submitted) (MENUHA)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HADAROM	Ashkelon	Farm	MENUHA	31,6560497629	34,7751120058	05/11/2008	05/12/2008
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Sheep	Animals	1000	15	5	0	0	
Cattle	Animals	...	...	...	...	...
Affected Population							

Outbreak (this report - submitted) (BE'ER SHEVA)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HADAROM	Beer-Sheva	Village	BE'ER SHEVA	31,2494050587	34,7990073907	09/11/2008	30/11/2008
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Sheep	Animals	...	...	...	...	...
Cattle	Animals	1	1	...	...	...
Affected Population							

Outbreak (this report - submitted) (KEFAR ROSH HANIQRA)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HAZAFON	Acco	Village	KEFAR ROSH HANIQRA	33,0868413677	35,1131625799	19/11/2008	10/12/2008
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	250	80	12	...	...
Affected Population The affected cattle were suspected to epizootic hemorrhagic disease and were found positive to bluetongue in the laboratory.							

Outbreak (other report - submitted) (HURA)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HADAROM	Beer-Sheva	Village	HURA	31,298469552	34,9384843403	20/11/2008	10/12/2008
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Sheep	Animals	120	30	7	0	0	
Affected Population Non pregnant ewes were vaccinated after the first clinical signs were observed in the herd.							

Outbreak (this report - submitted) (ELISHAMA)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HAMERKAZ	Petach-Tiqwa	Farm	ELISHAMA	32,1515390062	34,9264967329	24/11/2008	15/12/2008
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Sheep	Animals	200	14	4	0	0	

Affected Population

Outbreak (this report - submitted) (YINNON)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HADAROM	Ashkelon	Farm	YINNON	31,741756971	34,7863247193	24/11/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Sheep	Animals	400	10	2	0	0	
Affected Population							

Outbreak (this report - submitted) (HADERA)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HAIFA	Hadera	Village	HADERA	32,4346454424	34,9128723984	24/11/2008	15/12/2008
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Sheep	Animals	400	1	0	...	...
Affected Population							

Outbreak summary: Total outbreaks = 12 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Sheep	3020	140	33	0	0
Cattle	251	81	12		
Goats	1500				

Epidemiology

Epidemiological comments
Bluetongue is an endemic disease in Israel in sheep. Six serotypes were detected in Israel since 1951 when the disease was first diagnosed: 2, 4, 6, 10, 15 and 16. Serotype 4 is the most common. The identification of the involved serotype for these cases is still in progress in the laboratory. This is the first time that symptomatic cattle is diagnosed with bluetongue virus in Israel.
Source of the outbreak(s) or origin of infection • Vectors

Control Measures

Applied	To be applied
• Control of arthropods • Vaccination in response to the outbreak (s) • Dipping / Spraying	• No Planned Control Measures
Animals treated	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
OIE's Reference Laboratory	Pirbright Laboratory	Sheep	real-time PCR	23/12/2008	Positive
OIE's Reference Laboratory	Pirbright Laboratory	Goats	real-time PCR	23/12/2008	Positive
OIE's Reference Laboratory	Pirbright Laboratory	Cattle	real-time PCR	23/12/2008	Positive

Future Reporting

What further reports will be submitted in relation to this event?

There are 1 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

The event is continuing. Weekly follow-up reports will be submitted.

Outbreak map

