



Review Report



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Immediate notification report - Report reference: SEROTYPE 16, Ref OIE: 7741, Country: Israel

Report Summary

Disease	Bluetongue	Animal type	Terrestrial
Causal Agent	Bluetongue virus	Serotype(s)	16
Clinical Signs	Yes	Reason	Reoccurrence of a listed disease
Date of first confirmation of the event	23/12/2008	Date of Start of Event	05/11/2008
Date of report	29/01/2009	Date Submitted To OIE	29/01/2009
Diagnosis	Clinical, Laboratory (advanced), Necropsy	Date Of Last Occurrence	2006
Number Of Reported Outbreaks	Submitted= 2, Draft= 0, Deleted= 0	Name of Sender of the report	Dr Michel Bellaiche
Address	post office box 12 BEIT DAGAN 50250	Position	Epidemiologist
Telephone	+972(3)9681761	Fax	+972(3)9681761
Email	michelb@moag.gov.il	Entered by	Mme Margarita Alonso

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) (KEFAR ROSH HANIQRA)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
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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 summary: Total outbreaks = 2 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Goats	1500				
Cattle	250	80	12		

Epidemiology

Epidemiological comments

Bluetongue was an endemic disease in Israel in sheep until 2006. 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 laboratory of Pirbright confirmed the presence of BT virus by the end of December 2008. The serotypes were identified by the end of January 2009.
 Note by the OIE Animal Health Information Department: These outbreaks were first reported to the OIE in December 2008 as part of a reoccurrence of the disease in the country. Since three different serotypes have been identified afterwards, these outbreaks are now reported in three separate immediate notifications. The original immediate notification (made on 10 December 2008) and the follow-up report n°1 (made on 20 January 2009) have been deleted.

Source of the outbreak(s) or origin of infection

- Vectors

Control Measures

Applied

- Control of arthropods
- Vaccination in response to the outbreak (s)
- Dipping / Spraying

To be applied

- No Planned Control Measures

Animals treated No

Vaccination Prohibited No

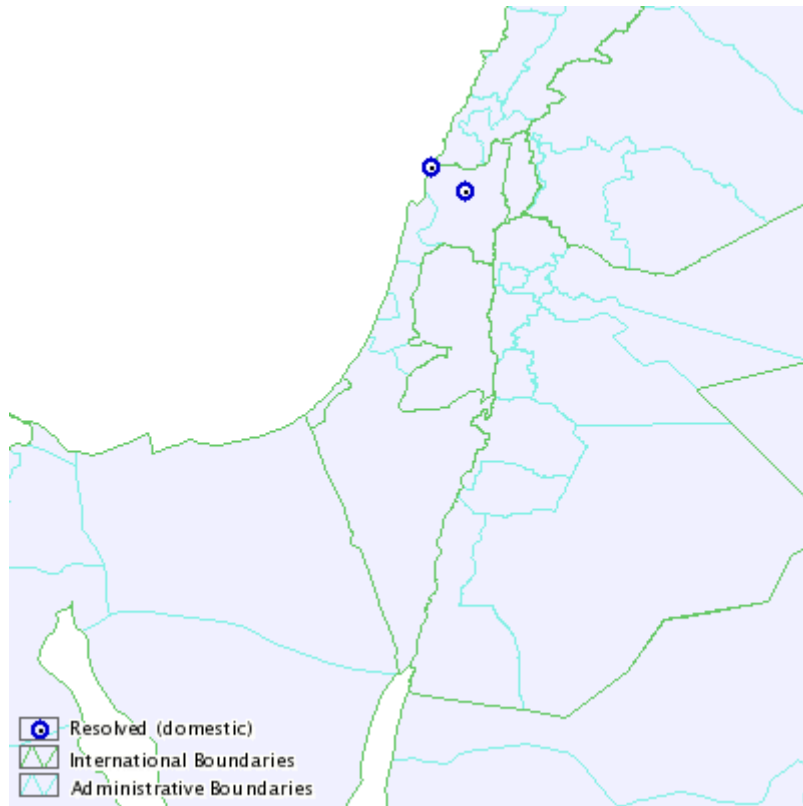
Country / Zone

Country or zone the whole country

Diagnostic test results


Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
OIE's Reference Laboratory	Pirbright Laboratory	Cattle	real-time PCR	23/12/2008	Positive
OIE's Reference Laboratory	Pirbright Laboratory	Goats	real-time PCR	23/12/2008	Positive

Outbreak map



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Immediate notification report - Report reference: SEROTYPE 4, Ref OIE: 7740, Country: Israel

Report Summary

Disease	Bluetongue	Animal type	Terrestrial
Causal Agent	Bluetongue virus	Serotype(s)	4
Clinical Signs	Yes	Reason	Reoccurrence of a listed disease
Date of first confirmation of the event	23/12/2008	Date of Start of Event	05/11/2008
Date of report	29/01/2009	Date Submitted To OIE	29/01/2009
Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	Date Of Last Occurrence	2006
Number Of Reported Outbreaks	Submitted= 2, Draft= 0, Deleted= 0	Name of Sender of the report	Dr Michel Bellaiche
Address	post office box 12 BEIT DAGAN 50250	Position	Epidemiologist
Telephone	+972(3)9681761	Fax	+972(3)9681761
Email	michelb@moag.gov.il	Entered by	Mme Margarita Alonso

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) (YINNON)							
Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HADAROM	Ashkelon	Farm	YINNON	31,741756971	34,7863247193	24/11/2008	15/12/2008
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Sheep	Animals	400	10	2	0	0	
Affected Population							

Outbreak summary: Total outbreaks = 2 (Submitted)						
Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle						
Sheep	400	10	2	0	0	

Epidemiology

Epidemiological comments	<p>Bluetongue was an endemic disease in Israel in sheep until 2006. 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.</p> <p>The laboratory of Pirbright confirmed the presence of BT virus by the end of December 2008. The serotypes were identified by the end of January 2009.</p>	Source of the outbreak(s) or origin of infection	<ul style="list-style-type: none"> • Vectors
	<p>Note by the OIE Animal Health Information Department: These outbreaks were first reported to the OIE in December 2008 as part of a reoccurrence of the disease in the country. Since three different serotypes have been identified afterwards, these outbreaks are now reported in three separate immediate notifications. The original immediate notification (made on 10 December 2008) and the follow-up report n°1 (made on 20 January 2009) have been deleted.</p>		

Control Measures

Applied

- Control of arthropods
- Vaccination in response to the outbreak (s)
- Dipping / Spraying

To be applied

- No Planned Control Measures

Animals treated No

Vaccination Prohibited No

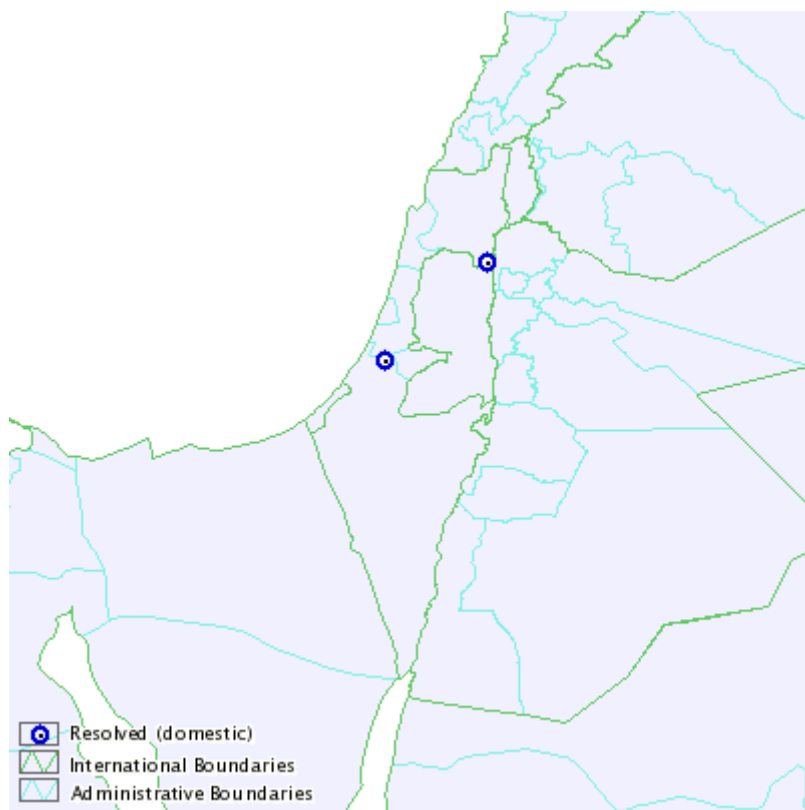
Country / Zone

Country or zone the whole country

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
OIE's Reference Laboratory	Pirbright Laboratory	Cattle	real-time PCR	23/12/2008	Positive
OIE's Reference Laboratory	Pirbright Laboratory	Sheep	real-time PCR	23/12/2008	Positive

Outbreak map



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Immediate notification report - Report reference: BTV serotype 24, Ref OIE: 7737, Country: Israel

Report Summary

Disease	Bluetongue	Animal type	Terrestrial
Causal Agent	Bluetongue virus	Serotype(s)	24
Clinical Signs	Yes	Reason	New strain of a listed disease
Date of first confirmation of the event	23/12/2008	Date of Start of Event	05/11/2008
Date of report	29/01/2009	Date Submitted To OIE	29/01/2009
Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	Number Of Reported Outbreaks	Submitted= 6, Draft= 0, Deleted= 0
Name of Sender of the report	Dr Michel Bellaiche	Address	post office box 12 BEIT DAGAN 50250
Position	Epidemiologist	Telephone	+972(3)9681761
Fax	+972(3)9681761	Email	michelb@moag.gov.il
Entered by	Mme Margarita Alonso		

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
Cattle	Animals	...	...	...	...	...
Sheep	Animals	1000	15	5	0	0

Affected Population

Outbreak (this 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.
One of the two samples from this herd have been found to be serotype 24. The second sample has not been identified yet.

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
Cattle	Animals	1	1	0	0	0
Sheep	Animals	...	...	...	...	...

Affected Population

Outbreak (this 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) (HADERA)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HAIFA	Hadera	Village	HADERA	32,4346454424	34,9128723984	24/11/2008	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Sheep	Animals	400	1	0	...	...
Affected Population						

Outbreak summary: Total outbreaks = 8 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Cattle	1	1	0	0	0
Sheep	2620	130	31	0	0

Epidemiology

Epidemiological comments

Bluetongue was an endemic disease in Israel in sheep until 2006. 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 laboratory of Pirbright confirmed the presence of BT virus by the end of December 2008. The serotypes were identified by the end of January

Source of the outbreak(s) or origin of infection

- Vectors

2009.

Note by the OIE Animal Health Information Department: These outbreaks were first reported to the OIE in December 2008 as part of a reoccurrence of the disease in the country. Since three different serotypes have been identified afterwards, these outbreaks are now reported in three separate immediate notifications. The original immediate notification (made on 10 December 2008) and the follow-up report n°1 (made on 20 January 2009) have been deleted.

Control Measures

Applied

- Control of arthropods
- Vaccination in response to the outbreak (s)
- Dipping / Spraying

To be applied

- No Planned Control Measures

Animals treated

No

Vaccination Prohibited

No

Country / Zone

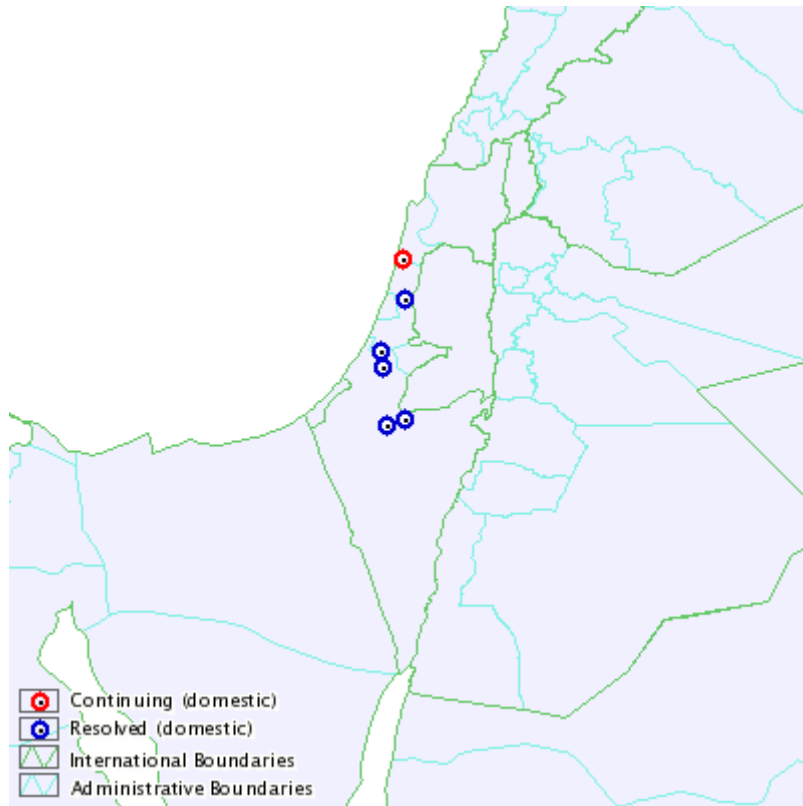
Country or zone

the whole country

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	Cattle	real-time PCR	23/12/2008	Positive

Outbreak map



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