

# Bluetongue in Cattle and Sheep

First Name:	<input type="text"/>	Last Name:	<input type="text"/>
Email Address:	<input type="text"/>	Veterinary Practice:	<input type="text"/>
Postcode:	<input type="text"/>		

Please circle one answer only e.g.  A

- Bluetongue virus 1 (BTV1) was introduced into Lancashire in November 2008 by:**
  - Transport of midges in air currents from continental Europe
  - Imported animal products from Asia
  - Migrating birds
  - Pet animals returning from holidays in Europe
  - Farmer importing cattle from France
- Bluetongue can affect which of the following species?**
  - Man
  - Sheep and cattle
  - Horses
  - Cats and dogs
  - Pigs
- Clinical signs of bluetongue in cattle may include:**
  - Abortion and retained foetal membranes
  - Diarrhoea often containing blood
  - Rapid breathing and frequent coughing
  - High rectal temperature and salivation
- Clinical signs of bluetongue in sheep may include:**
  - Swelling of the mouth, head and neck
  - Mastitis
  - Frequent coughing
  - Profuse diarrhoea with faecal staining of the wool
- When bluetongue is suspected, the farmer must:**
  - Report all suspected cases immediately to the local Animal Health Office
  - Isolate and treat with antibiotics
  - Maintain in herd to spread infection and induce immunity
  - Send for slaughter
  - Do nothing and wait to see if other cases develop
- How many consignments of bluetongue serotype 8 animals did farmers import into the UK in 2008?**
  - 1
  - 2
  - 4
  - 6
  - 10

**7. How many bluetongue susceptible animals were imported from Continental Europe in 2009?**

- A. 10
- B. 200
- C. 400
- D. 6,000
- E. 10,000

**8. The only sure way to protect against Bluetongue is:**

- A. Strict biosecurity
- B. Annual vaccination
- C. Use of extensive grazing
- D. Keep cattle housed all year round
- E. Use of fly repellants

**9. An outbreak of bluetongue could potentially cost Scotland per annum according to the official government website:**

- A. £1 million
- B. £2 million
- C. £5 million
- D. £10 million
- E. £100 million

**10. Which of the following statements is correct**

- A. BTV8 will not protect against BTV1
- B. BTV8 will afford some protection against BTV1
- C. BTV8 will protect against BTV1
- D. BTV8 vaccination is required every second year
- E. BTV8 vaccination is required once only for lifelong protection