

Brucellosis

Brucellosis is worldwide emerging zoonotic disease caused by bacteria of *Brucella* sp. There are seven well-defined species differing in their host preference, public health and economic concerns.

Species

Species*	Host*	
<i>B.melitensis</i>	Goats and sheep	* In human all these four species are pathogenic
<i>B.abortus</i>	Cattle	
<i>B.canis</i>	Dogs	
<i>B.suis</i>	Pigs	

- Brucellosis is also called undulant fever in humans and is transmitted through contact with animals and animal product such as unpasteurized milk and, meat.
- In livestock it results in reduced production and abortions and thus a major impediment for profitability trade and export.

Prevention and Control

- Vaccination is crucial for prevention and control of brucellosis in animals.
- Control of brucellosis in heifer calves by vaccination (*B.abortus* strain-19) and *B.melitensis* Rev 1 strain in goats and sheep.
- Mandatory screening of all breeding bulls and awareness among general public through mass contact programme
- Wearing protective clothes/ barriers while handling still births / products of conception
- Avoiding unpasteurized dairy products