

Differential diagnoses for reproductive disease investigations (Richard Loh, DPIRD WA)

Notifiable	Zoonotic	Disease	Infertility	Abortion			Calf born dead	Neonatal loss	Weak calves	Deformity
				Early (0-3)	Mid (4-6)	Late (7-9)				
		Vitamin A deficiency								
		Phosphorus deficiency								
		Copper deficiency								
		Selenium/Vitamin E deficiency								
		Brucella abortus								
		Brucella melitensis								
		Leptospirosis								
		BVDV								
		BVDV type 2								
		Tritrichomonas foetus								
		BHV-1 (IBR/IPV)								
		Mycoplasma								
		Bovine genital campylobacteriosis								
		Bluetongue								
		Rift Valley Fever								
		Bacterial abortion								
		Bovine ephemeral fever (3 day)								
		Toxins								
		ARGT								
		Neospora								
		Fungal infection								
		Q-fever								
		Ureoplasma diversum								
		Chlamydiosis								
		Schmallenberg infection (Simbu-group, including Akabane)								

Other miscellaneous causes of infertility or foetal/calf loss:

- Trauma or stress (eg transport, heat)
- High fever or endotoxins (eg plants, fungal, nitrite/nitrate)
- Mismothering, predation
- Genetic (eg malformation)