

Table 1

Potential animal disease hazards associated with importation of antelope into South Africa (derived from the OIE Animal Health Information System - August 2013)

Diseases listed by OIE as a potent trade hazard & to which eland are possibly susceptible	Directly/indirectly transmitted infection (D/I)	Vector	Probable hazard	Possible hazard	Unlikely hazard	Diseases for which OIE classification is incorrect
Lumpy skin disease (LSD)	I/D	Possibly ticks & haematophagous flies; also inefficient direct transmission	+			+
Trypanosomiasis	I	Tsetse flies (<i>Glossina</i> spp.)	+			+
Bovine genital campylobacteriosis	D			+		+
Bovine anaplasmosis	I	Ixodid ticks (possibly also argasid)		+		+
<i>Brucella melitensis</i> infection	D			+		
Caprine arthritis /encephalitis	D			+		+
Contagious bovine pleuropneumonia (CBPP)	D			+		+
Contagious caprine pleuropneumonia (CCPP)	D			+		
Chlamydiosis	D			+		+
Heartwater	I	<i>Amblyomma</i> spp. ticks		+		
Peste des petits ruminants (PPR)	D			+		+
Blue tongue (BT)	I	Midges (<i>Culicoides</i> spp.)			+	+
Bovine babesiosis	I	Ixodid ticks			+	
Bovine tuberculosis (BTB)	D				+	
Bovine viral diarrhoea (BVD)	D				+	
<i>Brucella abortus</i> infection	D				+	
Crimean Congo haemorrhagic fever (CCHF)	I	<i>Hyalomma</i> spp. ticks			+	
Foot and mouth disease (FMD)	D				+	+
Infectious bovine rhinotracheitis (IBR)	D				+	
Rabies	D				+	
Rift Valley fever (RVF)	I	Various mosquito spp.			+	
Theileriosis	I	Various spp. of Ixodid ticks, particularly <i>Rhipicephalus</i> spp.			+	
West Nile fever (WNF)	I	Various mosquito spp.			+	
<i>Malignant catarrhal fever (MCF - snotsiekte)</i> ¹	D				+	+
<i>Epizootic haemorrhagic disease (EHD)</i> ¹	I	Midges (<i>Culicoides</i> spp.)			+	+

¹ Diseases not listed by OIE