

# Zoonotic Diseases of Agricultural Animals

## By Risk Areas

Zoonotic diseases include a wide range of bacteria, viruses and other microorganism that cause illness in animals and people. This table categorizes several important zoonoses of livestock and poultry by risk areas for exposure. Prevention measures used in these risk areas protects people and animals many diseases.

### Animal Contact



Anthrax	Cryptosporidiosis	Mites (mange)
Bovine papular stomatitis	Dermatophilosis (rain scald)	Pseudocowpox
Bovine tuberculosis ( <i>M. bovis</i> )	Dermatophytosis (Ringworm)	Q fever
Brucellosis ( <i>Brucella abortus</i> )	Erysipelas	Rabies
Campylobacteriosis	Leptospirosis	Salmonellosis
Chlamydiosis	Methicillin-resistant	Streptococcus
Colibacillosis ( <i>Escherichia coli</i> )	<i>Staphylococcus aureus</i> (MRSA)	Vesicular stomatitis
Contagious ecthyma		

### Animal Environment



Anthrax	Cryptosporidiosis	Psittacosis
Ascariasis ( <i>Ascaris suum</i> )	Cysticercosis/Taeniasis	Q fever
Bovine tuberculosis ( <i>M. bovis</i> )	Dermatophytosis (ringworm)	Rabies
Brucellosis ( <i>Brucella melitensis</i> )	Echinococcosis	<i>Rhodococcus equi</i>
Campylobacteriosis	Giardiasis	Salmonellosis
Caseous lymphadenitis	Influenza	Toxoplasmosis
Chlamydiosis	Leptospirosis	Tularemia
Colibacillosis ( <i>Escherichia coli</i> )	Listeriosis	Vesicular stomatitis
Contagious ecthyma (orf)	Nipah virus	

### Food and Water



Brucellosis ( <i>Brucella abortus</i> , <i>B. melitensis</i> )	Cysticercosis/Taeniasis	Salmonellosis
Campylobacteriosis ( <i>C. coli</i> )	Giardiasis	Toxoplasmosis
Colibacillosis ( <i>Escherichia coli</i> )	Hepatitis E	Trichinellosis
Cryptosporidiosis	Leptospirosis	Yersiniosis
	Listeriosis	

### Vectors



Anthrax [flies]	Salmonellosis [flies]
Campylobacteriosis [flies]	Vesicular stomatitis [biting midges]
Colibacillosis ( <i>Escherichia coli</i> ) [flies]	West Nile fever [mosquitoes]
Ehrlichiosis [ticks]	
Equine encephalitis viruses (EEE, WEE, VEE) [mosquitoes]	