**Disease Assessment Report**

*Work with veterinarian to fill in the boxes below to create a Disease Assessment Report. Examples of complete reports are available in* [*Annex B*](#AppendixB)*. The complete report should provide general background on a disease, and should be provided to employees and their families.*

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| **Disease Assessment Report for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Outbreak History** |
| *(Provide details of the outbreak history, specifically, information about when the outbreak began and where the outbreak is occurring.)* |
| **Signs of Disease in Calves** |
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| **Signs of Disease in Humans** |
| *(Provide details of the signs of the disease in humans if applicable. If the disease is not zoonotic, that information should be included as well.)* |

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| **Disease Assessment Report for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Mechanism for Spread of Disease** |
| *(Provide details of the route of transmission of the disease by choosing from the list below. More than one route may apply. Details on the route on transmission of many livestock disease can be found in* [*Annex A*](#AppendixA)*.)*  Aerosol  This disease can be spread through aerosol transmission. Aerosol transmission occurs when disease agents contained in droplets are passed through the air from one animal to another or from an animal to a human, or vice versa. Most pathogenic agents do not survive for extended periods of time within the aerosol droplets, and as a result, close proximity of infected and susceptible animals is required for disease transmission.  Direct Contact  This disease can be spread through direct contact. Transmission by direct contact requires the presence of an agent or organism in the environment or within an infected animal. A susceptible animal becomes exposed when the agent directly touches open wounds, mucous membranes, or the skin through blood, saliva, nose to nose contact, rubbing or biting.  Fomite  This disease can be spread through fomites. A fomite is an object that can carry disease agents from one susceptible animal to another. Examples of fomites include brushes, tagging pliers, needles, balling guns, clothing, feed or water buckets, and shovels. Traffic transmission is another special type of fomite transmission in which a vehicle, trailer, or human spreads organic material to another location.  Oral  This disease can be spread through oral means. Pathogenic agents can be transmitted to animals orally through consumption of contaminated feed, water, or licking/chewing on contaminated environmental objects. Feed and water contaminated with feces, urine or saliva are frequently the cause of oral transmission of disease agents. However, feed and water can be contaminated with other infectious agents.  Vector-Borne Transmission  This disease can be spread through a vector. Vector-borne transmission occurs when an insect acquires a pathogen from one animal and transmits it to another. Fleas, ticks, mosquitoes, and flies, and cockroaches are common vectors. |

**Disease Assessment Report for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Mechanism for Spread of Disease (cont.)** |
| ☐ Environmental Transmission  This disease can be spread through the environment. This disease agent can survive for extended periods of time in soil or other organic material like bedding, old feed, etc. Animals can then acquire the disease agent from the environment through inhalation of aerosolized microbes, via oral consumption, or from direct contact with an animal or with fomites. The routes the disease agent uses to get into the animal can be controlled if the animal's environment is controlled.  ☐ Zoonotic  Zoonotic diseases are transmissible between animals and humans. Human exposure to zoonotic diseases may occur through any of the six routes of transmission discussed previously. Because of public health concerns, the zoonotic risk of a particular pathogenic agent should be considered in a biosecurity risk assessment. |
| **Medical Countermeasures** |
| *(Provide details of available medical countermeasures.)* |
| **Sanitary Countermeasures** |
| *(Provide details of available sanitary countermeasures.)* |