

Bioterrorism



- Most threat organisms are zoonotic (cause disease in both animals and people).
- Can be an organism
 - Bacterium
 - Virus
 - Fungus
 - Parasite
- Can be a toxin
 - Botulism neurotoxin
 - Staphylococcus enterotoxin
- Remember, in times of great stress morbidity and mortality may increase or appear to increase.



Delivery

- Airborne
- Foodborne
- Waterborne
- Vectorborne
 - Mosquitoes
 - Ticks
 - Fleas
 - Lice



Affected Hosts

- Humans only
 - Smallpox virus
 - SARS
- Animals and humans
 - Anthrax (cattle)
 - Plague (rodents)
 - Tularemia (rabbits, rodents)
 - Influenza (variety of hosts)

Affected Hosts

- Animals only
 - Foreign Animal Diseases
 - Economic bioterrorism (agroterrorism)
 - Foot and Mouth Disease Virus
 - African Swine Fever
- Plants
 - Wheat blast fungus