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Salmonella

§112.54 Microbial Pathogens

Two species with over 2,500 serotypes can cause illness in humans.

Symptoms include cramps, headache, fever, nausea, vomiting, and diarrhea. Some serotypes can cause Typhoid Fever.

Infection to humans is caused by fecal-oral pathways such as eating contaminated food or water.

Infection could start with as few as one cell.

Lives in intestines of animals and humans. Can also survive in pond water.

Frequently associated with chicken, eggs, dairy products, and contaminated produce.

Spreads through soil, water, hands, equipment, and contact surfaces.

Contamination can spread any time during harvest, packing, handling or storage processes. For example, handling raw meats then touching utensils that then touch produce.

Spread can be prevented or reduced by handwashing, cleaning equipment, not using utensils that have touched the ground or dirty surfaces.