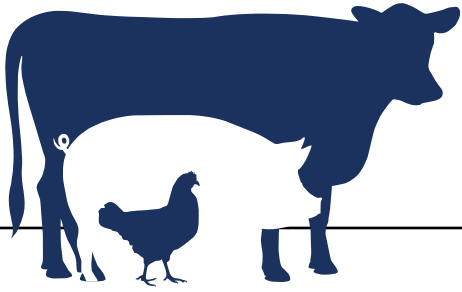




FARM PHAGE NEWSLETTER



WHAT ARE BACTERIOPHAGES?

Organisms that attack harmful bacterial cells.

They are:

- Cost effective
- Harmless to animals
- Better for the environment
- Highly effective
- Reduce the need for antibiotics

“ANTIBIOTICS ARE VALUABLE BUT BACTERIOPHAGES ARE A BREAKTHROUGH”

Antibiotics reduce human and animal disease and suffering, but their continued overuse has led to the emergence of antimicrobial resistant bacteria.

Nature has provided a solution to the problem – bacteriophages.

Cytophage is working on improving bacteriophages to better target bacterial diseases that impact the Manitoba Agricultural Sector.

HOW DO BACTERIOPHAGES HELP PROTECT YOUR ANIMALS?

FARMERS

- Bacteriophages are **highly effective** against bacteria. They are safe to use because they are already everywhere in nature. (You even have bacteriophages inside and all over your body!)
- Cytophage's bacteriophages are **specific** to bacterial infections found on farms.
- **Easy-to-use**, bacteriophages can be added to feed or water to treat and prevent infection in livestock.
- Bacteriophages are a **cost-effective** way to help you meet the need and demand for a healthier food chain.

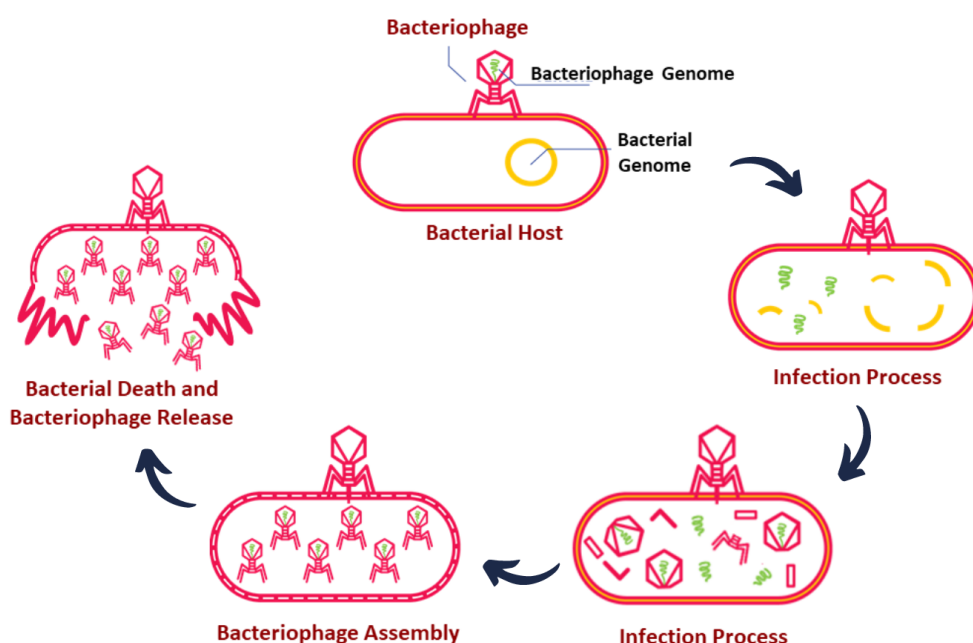
VETERINARIANS

- Can be used to treat bacterial infections in sick animals to **decrease the use of antibiotics** in your practice.
- Oral, topical, and injectable applications are available.
- **Safe for use in animals** because bacteriophages are organisms that only target bacteria.
- By targeting specific strains of bacteria responsible for infection, bacteriophage treatment is **less disruptive to the gut microbiome**.

PORK PRODUCERS AND PROCESSORS

- The demand for antibiotic-free meat from consumers and regulators is putting pressure on the pork industry.
- The use of bacteriophages on farms and in processing facilities to eliminate bacterial infections is a **cost-effective way to meet the need for antibiotic-free pork**.

HOW BACTERIOPHAGES WORK



CYTOPHAGE

Manitoba company innovating to improve animal health

Questions or comments?

▶ CONTACT US!

▶ info@cytophage.com

WWW.CYTOPHAGE.COM