

Koi Herpesvirus (KHV)



What is koi herpesvirus (KHV)?

- Highly contagious viral pathogen of common carp and koi carp varieties.
- Incubation period of the virus is 3-21 days and is shorter in warmer water (15-25°C)
- Mortality rates can be 80-100% in some cases.
- KHV has a worldwide distribution (except for Australia) and is an OIE notifiable disease, meaning positive cases must be reported to the state veterinarian.

What you can do to keep your fish healthy:

- Purchase fish from known, reputable sources.
- Utilize testing for broad pond/farm surveillance.
- Avoid shows where fish are mixed in tanks.
- Quarantine new animals for at least 6 weeks at virus-permissible temperatures (16-28°C).
- Disinfect water and equipment.

Signs

Piping
Difficulty breathing
Gathering in oxygen rich areas
Swollen gills
Erratic swimming
And more....

Transmission

Contact with infected fish

Treatment

- No treatment
- Supportive care – changing water temperature, controlling secondary infections

**If your fish need medical care, contact the Aquatic Animal Health Service at (530) 752-1393.*