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.

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