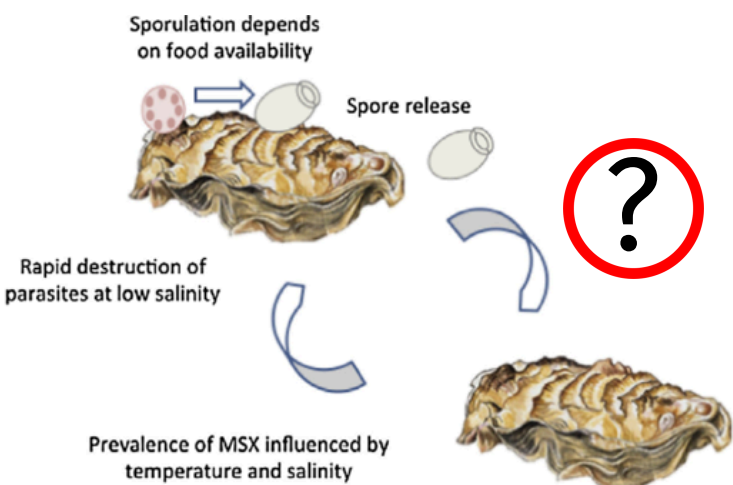


WHAT IS MSX?

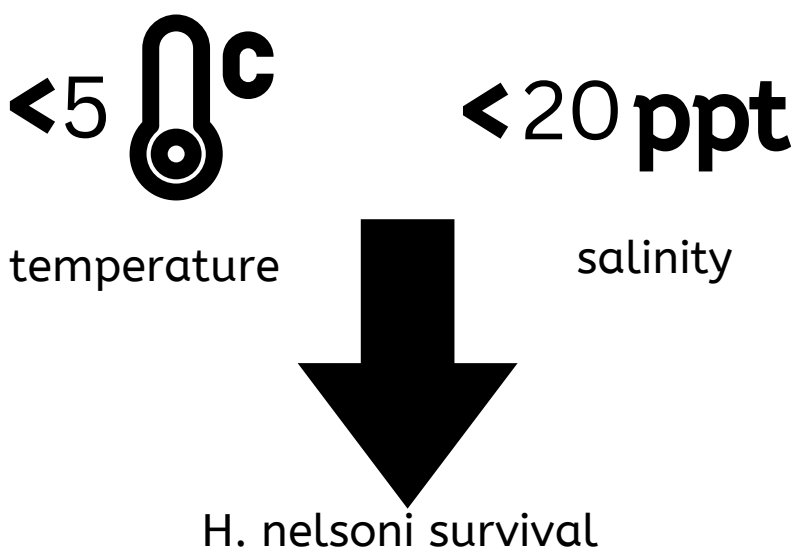
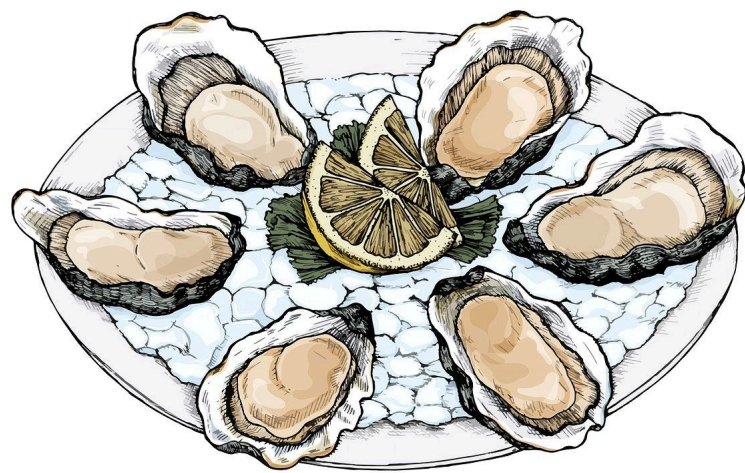
Multinucleated Sphere Unknown

MSX is a disease caused by a parasite known as *Haplosporidium nelsoni* (*H. nelsoni*) that affects Eastern and Pacific oysters.



The transmission of *H. nelsoni* is not completely known yet.

There are NO RISKS to human health. Affected oysters are safe to eat.



MSX disease is SUPRESSED by low salinities and low temperatures.

H. nelsoni activity and proliferation is decreased at temperatures BELOW 5°C, and salinities BELOW 20ppt.

MSX causes 90-95% mortality in oysters within 2-3 years of infection. Peak losses occur during summer months.

A method of chemical eradication or treatment is not yet known.



More information can be found at:
<https://www.dfo-mpo.gc.ca/science/aah-saa/diseases-maladies/hapneloy-eng.html>