

Vaccine performance and production characteristics for Atlantic salmon

J Lacasa

Background

Atlantic salmon (*Salmo salar* L.) farms are often prone to diseases, leading to a loss in production. The use of vaccines on Atlantic salmon is one of the most sustainable strategies for avoiding loss of production due to diseases (Midtlyng et al., 1996). However, there is a great difference between the side effects of vaccines on growth and development (Berg et al., 2007). The objective of this study is to compare the performance of different vaccines on the growth and survival of Atlantic salmon under standard production conditions.

References

- Berg, A., Rødseth, O. M., & Hansen, T. (2007). Fish size at vaccination influence the development of side-effects in Atlantic salmon (*Salmo salar* L.). *Aquaculture*, 265(1), 9–15. <https://doi.org/10.1016/j.aquaculture.2007.02.014>
- Midtlyng, P. J., Reitan, L. J., Lillehaug, A., & Ramstad, A. (1996). Protection, immune responses and side effects in Atlantic salmon (*Salmo salar* L.) vaccinated against furunculosis by different procedures. *Fish & Shellfish Immunology*, 6(8), 599–613. <https://doi.org/10.1006/fsim.1996.0055>

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