Hipolito-Morales, A., A.M. Maeda-Martínez & **S.F. Martínez Díaz** (2009). Use of Microbacterium sp. and Exiguobacterium mexicanum to improve the survival and development of Artemia under xenic conditions. Aquaculture International, 17(1): 85-90. DOI: 10.1007/s10499-008-9175-9

Use of Microbacterium sp. and Exiguobacterium mexicanum to improve the survival and development of Artemia under xenic conditions

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The effect of Microbacterium sp. strain 8L and Exiguobacterium mexicanum strain 8N was evaluated in the diet of Artemia under xenic conditions. Viable cultures of bacteria were provided to xenic cultures of Artemia in combination with Sacharomyces cerevisiae, cornflour or Spirulina, and the effect on the survival and growth was recorded. The use of these bacterial strains improves significantly the survival of Artemia independently of the used food (P< 0.05), and variable results were observed in the growth.

Palabras clave: Artemia Microbacterium Exiguobacterium