

عنوان مقاله:

Investigation and Analysis of Fungi causing Cutaneous Infections in Fish Farms in Eastern Mazandaran Province

محل انتشار:

فصلنامه علم و فناوری اوراسیا, دوره 2, شماره 1 (سال: 1401)

تعداد صفحات اصل مقاله: 7

نویسنده:

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خلاصه مقاله:

The genus *Saprolegnia* is one of the most important pathogenic aquatic fungi in farmed and wild fish. In this paper, 100 samples were prepared from 10 fish ponds in Sari, Neka and Behshahr. After cultivation, purification and macroscopic and microscopic examinations, we were able to isolate the fungi *Saprolegnia parasitica*, *Saprolegnia* and *Aclia*. Their prevalence was 48% *Parasitica*, 38% *Saprolegnia*, 36% *Aclias* and 15% other fungi, respectively. Their frequencies are 48 *Parasitica*, 38 *Saprolegnia*, 36 *Aclias* and 15 other fungi, respectively. Also, in the study of other parameters and their effect on the presence of *Saprolegnia*, it was observed that the ambient temperature of the water was suitable for the growth of this fungus and also the pH and salinity of the water also affected the presence of *Saprolegnia*.

کلمات کلیدی:

Aquatic fungi, Contamination rate, Fish farms, cutaneous infections

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