
The effects of probiotics D-Pro on indices Growth , hematological indices and immune system of Kutum (Rutilus kutum)in caspian sea

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Introduction Achieving solutions that increase productivity and productivity can be considered as one of the important goals of the new Peruvian aquatic environment. Many researchers believe that diets that increase growth and survival will also increase resistance to stressors (Tolussi et al., 2010). In the breeding of fish 50 to 60 percent is the cost of raising food, so nutrition is one of the most important factors in the management of breeding. Fish for growth, reproduction, and ... to sources of energy and nutrients They need it (Lupatsch et al. 2010). Lack of adequate knowledge of breeders and aquaculture workers in the country, lack of appropriate resources and information on the one hand, and the entry of various authorized and unauthorized chemical and chemical substances into aquaculture centers on the other hand has caused major problems. Non-use Principles of antibacterial compounds, disinfectants, toxins, etc. can create serious risks for consumers and the environment (Fatemi & Mirzerger, 2007). Many of the probiotic supplements are a mixture of different types of probiotics in a product. These types of probiotics are probiotics of the broad spectrum or several probiotics.

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