

عنوان مقاله:

(Effect of dietary digestible energy level on growth indices of kutum (*Rutilus frisii kutum* Kamenskii, ۱۹۰۱

محل انتشار:

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خلاصه مقاله:

A ۶۰-days feeding trail was conducted to evaluate the effects of dietary digestible energy levels (DE) on kutum, *Rutilus frisii kutum*. Four is nitrogenous (۳۵% protein) diets with digestible energy levels of ۲۵۰۰, ۲۶۰۰, ۲۷۰۰ and ۲۸۰۰ kcal kg⁻¹ was tested. Two hundred and forty advanced fry (۲±۰.۴g) were randomly distributed in ۱۲ fiberglass tanks of ۴۰۰L capacity. Nutritional responses in terms of WG, FCR and PER as well as survival rate (SR) significantly improved ($p < 0.05$) with increase in DE level from ۲۵۰۰ to ۲۸۰۰ kcal kg⁻¹ diet, but no difference between ۲۶۰۰ and ۲۷۰۰ kcal kg⁻¹ diet was found. Body crude protein and fat significant were increased ($p < 0.05$) when the dietary energy was raised up from ۲۵۰۰ to ۲۶۰۰ kcal DE kg⁻¹ diet, but a further increase on energy did not improve the fish crude protein and fat content.

کلمات کلیدی:

Rutilus frisii kutum, Nutritional evaluation, Digestible energy, Growth performance

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