

پروژه در قفس

Category: Cage Culture

**Impact of feeding levels on growth performance and food conversion of *Acanthopagrus arabicus* cultivated in floating cages**

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**Abstract:**

The experiments considered the effect of feeding rate (3, 5 or 7% body weight) on growth performance and feed conversion ratio of Arabian yellowfin seabream *Acanthopagrus arabicus* reared at floating cages at Basrah province extended 60 days. However, no significant differences between mean initial and final weights, weight gain, specific and daily growth rates in various feeding treatments were found. Results deduced that mean final weight, weight gain, specific and daily growth rates of individuals fed on different feeding rates ranged from 60.60-61.55 g, 17.9-18.8 g., 0.58-0.61%/ d. and 0.30-0.31 g./d., respectively. Results indicates that the best feed conversion ratio (4.94) at 3% feeding rate, followed by 7.93 at 5% feeding rate while the highest feed conversion (11.43) was at 7% feeding rate. It has been found that feed conversion ratios differ significantly ( $p < 0.05$ ) among feeding rates.

**Keywords:** cultivated, floating cages, feeding levels, food conversion, *Acanthopagrus arabicus*.