

عنوان مقاله:

The effects of dietary betaine on the growth performance and carcass synthesis of caspian roach (*Rutilus rutilus*) fingerlings

محل انتشار:

مجله علمی علوم دامی، دوره 2، شماره 5 (سال: 1392)

تعداد صفحات اصل مقاله: 6

نویسندگان:

S Fattahi - *Department of Fishery & Environment Gorgan University of Agricultural Sciences and Natural Resources. Iran*

S.A Hosseini - *Department of Fishery & Environment Gorgan University of Agricultural Sciences and Natural Resources. Iran*

M Sudagar - *Department of Fishery & Environment Gorgan University of Agricultural Sciences and Natural Resources. Iran*

خلاصه مقاله:

This study was carried out to determine the effects of betaine on the growth performance and carcass synthesis of Caspian Roach (*Rutilus rutilus caspicus*) fingerlings. Fish with mean weight about 1.91 ± 0.01 g after adaptation were divided to 2 treatment groups (0.5 and 1% of diet) and control (0%). After 8 weeks feeding with betaine added diet, data was analyzed by excel 2010 and Spss 18. Added betaine had an increasing effect on final weight, weight gain (BWI), and a decreasing effect on FCR, but not significantly. Food intake increased significantly as added betaine increased ($p < 0.05$). Betaine is known as a flavor attractant and improves growth factors of Caspian Roach (*Rutilus rutilus caspicus*) fingerlings

کلمات کلیدی:

Betaine, Caspian roach, Carcass synthesis, Growth performance

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/369862>

