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## Comparison of the growth, survival and nutritional value of *Artemia* using various agricultural by-products and unicellular algae *Dunaliella salina*

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### Abstract

Because of limitations of production of unicellular green algae (especially in large volumes), this study aimed to culture *Artemia* using three sources of cheap agricultural by-products that were coupled with small amounts of unicellular algae *Dunaliella salina*. The results of growth and survival, biomass production, Individual wet weight, wet and ash percent, FCR and SGR and nutritional value of experiments groups were compared with that of the control group that was reared on a diet completely consisting of green algae. At the end of day 15, although best results in the case of growth and survival and biomass production were obtained in the control, the results of all evaluated parameters experimental treatments were comparable to the control.

**Keywords:** *Artemia urmiana*, Parthenogenetic *Artemia*, Biomass, Growth and survival, Nutritional value

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