

Determination of the growth performance, nutrient conversion efficiency and yield of catfish (*clarias gariepinus*) fed with floating (foreign) feed and sinking (local) feed at various life stages



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Abstract

The effect of floating and sinking diets on the growth performance, nutrient conversion efficiency, and yield of *C. gariepinus* at various life stages has been investigated. The need to identify and recommend the right type of feed and nutrient composition to be fed to catfish under culture conditions became necessary since fish feed accounts for over 60% of the total cost of production. Investigators have studied the effect of floating and sinking diets on the growth performance and survival rate of *C. gariepinus*, however studying them at the various life cycle, feed conversion efficiency, and also the yield it produces has not been extensively investigated, thus the need for this research. The benefit of this research outcome will help the fish farmers to know the right type of feed and nutrients required to improve performance a various life stages of the fishes.

Biography

Bridget Emuobor Abunumah is success-driven individual with a sound background in Aquaculture and Fisheries Management. She obtained her first honours degree in Agricultural Science from the university of Benin, Nigeria. She has been involved in some scientific research activities in the Nigeria Institute for Oceanography and Marine Research (NIOMR), which is a multidisciplinary marine reserch institute and Nigeria's prime insitute for marine sciences. Some of these researches include biological oceanography, biotechnology, fisheries resource, fish technology and product development, and physical and chemical oceanography. She is currently an Agricultural Faculty at the National Youth Service Corps of Nigeria. She looks forward to carrying out reserch project in animal genetics.

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