Study of Combined Diets for the Optimal Farming of the Golden Apple Snail and Its Profit for Nutrition and for the Industry

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This work aimed at finding out the best type of diet for farming apple snail and also to evaluate the efficiency of the artificial diet which combines vegetable and animal protein, in the farming of apple snail. To this aim, three types of diets were evaluated (D1=vegetable protein 100%, D=2 animal protein 100% and D3= a 50%-50% combination of both), in three groups of young apple snail contained in glass aquariums, for a month. The experiment showed D3 (50% vegetable protein and 50% animal protein) to have a better efficiency. The research showed that using this diet apple snails increased their weight and size and consequently allowing us to use more of the properties this mollusk offers. It is propose as recommendation to continue with the studies about the optimum amounts of vegetable and animal protein to optimize its farming as well as taking this research into the manufacturing of snail extract which is used to treat asthma.

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