EVALUATION OF WEANING FOOD “KHITCHRI” INCORPORATED WITH DIFFERENT LEVELS OF FISH PROTEIN CONCENTRATE

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ABSTRACT

Weaning food (khitchri, traditional weaning food) incorporated with different levels of fish protein concentrate (FPC) was evaluated, using albino rats as the experimental animals. The protein efficiency ratio (PER), net protein utilization (NPU), true digestibility (TD) and biological value (BV) were estimated for each level. In khitchri with 10 % FPC, these values were significantly higher than those with 5 % FPC, 2.5 % FPC and without FPC except TD, which was slightly lesser in khitchri with 5 % FPC, but exceeded by the value of khitchri without FPC. Fish protein concentrate (FPC) may be an ideal source of protein for enriching the khitchri.

Key words: Fish Protein Concentrate (FPC), Weaning Food, Enriched Khitchri, Biological Value.