

**NUTRIENT FORMULATION FOR GROWTH CAMPBELL'S HAMSTER  
(*Phodopus campbelli*)**

**Yala Shintara**

**ABSTRACT**

Like other members of the family Cricetidae, the Campbell's hamster has cheek pouches. The useful of hamster's cheek pouches in medical research are microcirculation studies, malignant immunology, cells and tissues transplanted, demonstration differences between malignant cells and non-malignant cells, in vivo microscopy, cancer chemotherapy, cancer radiotherapy, and carcinogenesis. Specially, for Campbell's hamster is a popular subject for studies of photoperiodism, the pineal gland, and the subject of limited behavioral studies. The objective of the recent research is to find out an increase of body weight and a perfect diet for growth Campbell's hamster. The experimental animal used in the research consisted of 32 growth Campbell's hamster, including 16 female and 16 male with weight range 15-25 gram. The research was done in 30 days. The research was carried out with four treatments such as P0 as a control, P1 has 18% crude protein, P2 has 21% crude protein, and P3 has 24% crude protein. Each treatment had four repetitions. The research results shown that there was no difference in increasing of body weight with both female and male, either variation in nutrient formulation.

**Key words:** hamster, Campbell, nutrient