



### ABSTRACT

Alga has been known to have nutritional benefits that can promote growth and development. *Padina japonica*, also known as brown marine alga was studied to determine its growth effects on albino rats. 24 male albino rats were fed with brown marine alga for 4 weeks and their length and weight were then measured. Data showed significant increase on the average weights of rats before and after each treatment. Results also showed that among the treatments administered to the rats, Treatment 3 or those rats fed with 75% concentration registered the highest average weights (Mean=438.09 grams). These results further suggest that Treatment 3 was the most effective among the treatments given.

