

ABSTRACT

The research was studied on the product of imitation bird's nest. The research was separated into four parts. The first part was determined the shape formation of imitation bird's nest by controlling the proper ratio of water to alginate. It was vary the water ratios to alginate as 7.5:1, 10:1, 12.5:1 and 15:1, respectively. The result was shown that the proper ratio was 12.5:1.

The second part was determined the color of imitation bird's nest by varying types of sugar such as pure refined sugar, rock sugar, natural mineral sugar and brown sugar. The rock sugar was given color nearly to the reference.

The third part was determined the texture of imitation bird's nest by sensory evaluation. In this part, it were vary the ratios between sodium alginate manugel (G) with manucol (M) (G: M) as 100: 0, 80: 20, 60:40, 50:50, 40:60, 20:80, and 0:100, respectively. From the experiment, there were significant differences among samples and the panelist preferred the ratio as G (50): M (50) more than others.

The finally part was determined the marketing test of bird's nest from the project. In this part, the sample were compared with the two commercial of bird's nest as commercial A and commercial B. There were significant difference among the sample and the panelist's preferred the imitation bird's nest and the commercial B more than the commercial A.

In this project, the proper ratio of water is 12.5:1. The proper color makes from the rock sugar. The proper ratio between sodium alginate Manugel (G) with Manucol (M) was 50:50. The panelist preferred the imitation bird's nest from this project.