

ABSTRACT

The use of plastic as a packaging has been inseparable from everyday life, including used for food packaging. Along with the increased plastics as packaging, raised other problems encountered, which produces plastic bins belonging to the non-organic waste and the bins were very harmful to the environment because it takes time and a long process to degrade naturally not only in soil but also in water.

The purpose of this reaserch was to known the shelf live of pineapple which packed by Edible Film tapioca, and then to known how good the costumer acceptance consupcion. The benefit of this reaserch been expected could given scientific informations about the shelf live of pineapple dodol packed by edible film tapioca, so that it could reduce plastical packaging as food packaging, and also could been promotion of biodegradable packaging. The reasech methode used for determining the shelf life was ASLT methode with Arrhenius approached.

The preliminary study was conducted to obtain the best type of plastic to be used as a control parameter based on primary research with peroxide content. The preliminary study phase two was conducted to obtain a critical point of pineapple dodol's shelf life.

The result of the shelf life of pineapple dodol, obtained on the parameters water content and total fungi-yeast for Edible films tapioca packed had been longer shelf life than controls, while the parameters of peroxide content and Aw parameters for edible films tapioca packed had been more briefly of shelf life than controls, but overall the difference between the edible film tapioca and controls had been not very significant shelf life. Overall pineapple dodol packed with edible film tapioca had a shelf life for 71 days when stored at 27°C. The organoleptic test resulted showed that overall pineapple dodol packed by edible film tapioca could been accepted bu the customers.

Key word : shelf life, edible film tapioca, pineapple dodol