

Pembuatan Bubur Bayi Instan Subtitusi Tepung Kacang Koro Pedang (*canavalia ensiformis*) Terhadap Kecukupan Protein pada Bayi Umur 7-11 Bulan. (Instant Porridge Making Babies Peanut Flour Substitutes Koro Sword (*Canavalia ensiformis*) Adequacy of Protein in Infants Against Age 7-11 Months).

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ABSTRACT

Solid food is additional food instead of breast milk which contains of nutrients given to infants to supply their nutrients needs. One of solid foods consumed by infants is porridge. In this case, the porridge made of rice flour and sword bean flour. Sword bean flour has high protein which expected become solid food instead of breast milk that supply nutrients for infants. The purpose of this research aims to know the content nutrition, especially the protein in instant porridge made of sword bean flour as main solid food to supply infants' nutrition needs. The experiment designed used was Completely Randomized Design (CRD). Formula determination used are: A1 =66% : 33%; A2 =61% : 38%; A3 =55% : 44%; A4 =50% : 50%; A5 =44% : 55%; A6 =38% : 61%; A7 =33% : 66%. Every treatment repeat four times. The result showed that every additional sword bean flour in the porridge increase the nutrition. It shows significant value. Organoleptic result has a real influence on the viscosity, texture, color, flavor and aroma in the instant porridge. Among the samples, A3 got best treatment with treatment formulation 55%:44% of addition rice flour and sword bean flour. Feeding infants with instant porridge made of rice flour and sword bean flour under the terms of the protein content is 18 grams in a day. Infants should consume this rice flour and sword bean flour porridge 200 grams in a day.

Key words: *Solid Food, rice flour, sword bean flour.*