

2019_Local_Food_Jakusa.pdf

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Submission date: 06-Oct-2020 08:07PM (UTC+0700)

Submission ID: 1406954552

File name: 2019_Local_Food_Jakusa.pdf (84.53K)

Word count: 271

Character count: 1453

Oral Presentation

***Jakusa*: An Effort to Improve Consumption of Local Food in Kota Kendari**

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Keywords

Jakusa · Corn · Sagu · Local food

Background/Aims: There is a high dependency on rice among the community in Kendari. Corn and sago are known as an alternative to substitute rice in Kendari, however their utilization are not optimum yet. Therefore, this study aimed to identify acceptability of *Jakusa*, a product from yellow corn and sago, as an effort to improve consumption of local food in Kendari. **Methods:** This experiment was conducted with completely randomized design, with three formulas: corn (50%) + sago (50%), corn (75%) + sago (25%), corn (90%) + sago (10%). A total of 270 panelists in Kendari were randomly selected to perform the acceptance test. Data on acceptance were analyzed with Mann-Whitney test. Nutrient composition of the samples was also determined and calculation of cost was performed manually. **Results:** There were significant differences among samples for their sensory characteristics (color, flavor, and texture), except for taste. Generally, all samples were well accepted by panelists, with a score of ≥ 3 each, and sample B (75% corn + 25% sago) was the most accepted sample with the score of 3.51. The products were shown to be stable during storage for more than 1 year without any physical damage nor off-taste. There were no significant differences among samples in terms of their nutrient content, except for protein and fat, while production cost took three to four times as compared to the cost of rice-based products. **Conclusions:** *Jakusa* could be produced as an alternative to rice in Kendari.

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