

# KAJIAN PERBAIKAN DAN INTRODUKSI TEKNOLOGI UNTUK PENINGKATAN PRODUKSI DAN MUTU GAMBIR EKSPOR INDONESIA

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## ABSTRACT

*Raw gambier produced by farmers has low quality with high variability, due to its low level of processing technology. Therefore, intensive research and development is needed to produce better quality and higher added value products from gambler. This paper aims to audit the processing of gambler technology and to review the quality elements for improvement. Study was conducted through survey, observation and discussion with the stakeholders as part of technology audit activities, identifying the process technology used and to assess the alternative and potential technology to be introduced to the gambler processors. In the improvement planning, introduction methods to be adopted and the priority of equipment to be used were proposed. Both decisions were made using The Analytical Hierarchy Process. The results of study show that there is no significant development on the gambler processing technology, so that gambler processing technology alternatives were needed for quality and production improvement. Mobile gambler processing unit was the best technology introduction methods and the gambler leaf milling unit has the highest priority to be introduced.*

**Keywords:** gambier, quality, technology audit, mobile processing unit, Analytical Hierarchy Process