



*RESEARCH PAPER*

# Evaluate the economics of *Aonla* pricking by the developed machine and compare it with manual method of *Aonla* pricking

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**Abstract :** *Aonla* is an important Indian fruit crop with enormous potential for processing into various quality products in the world market (Kumar, 2014). *Aonla* preserve making is an important economic activity in India. The purpose of this paper is to increase the productivity, safety, efficiency and hygiene of the pricking activity and to minimize the laborious work simultaneously by promoting the use of power operated *Aonla* pricking machine. The pricking methods used in India were obsolete and inefficient (Kumar, 2014) hence, a paddle operated *Aonla* pricking machine was introduced in preserve making industries to speed up the operation. An economical manufacturing solution is necessary for making the product affordable to the small industries and rural area where people work at home for earning. The purpose of this study is investigating and overcome the problems arising during the manual process of punching the *Aonla* while manufacturing *Murabba* and provides machine that is both economical and also yields better results to the operator. The model is expected to provide in increase in productivity and labouring work can be minimized. Research presents step by step designing and manufacturing of machine which is affordable and requires little or no training for operation and maintenance.

**Key Words :** Developed machine, *Aonla* pricking

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