

Title Development of slicing machine for fresh-cut pineapple
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Abstract

Preparation of fresh-cut pineapple usually conducted manually either cube, semi circle or wedge form using manual operations, the cutting process is not uniform which caused problems during packing. Time consuming was also been raised by the operators especially for the bulk handling. Imported machines for cutting fruits into various shapes are available in the markets. However, high cost of the imported machine hinder the active use especially by small scale fruit operators. Intensive research had been conducted in developing suitable slicing machine to cater the need of local pineapple processors. Development of slicing machine was based on two systems, namely rotary or centrifugal type working condition. This study was emphasized on machine development and also involving the operating system. At normal rate, the machine is capable of slicing 360 fruits per hour. The slicing machine can easily operated, simple design, cost effective and facilitate the cleaning process.