

# **Development and Improvement of the Once-over Operating Machineries for Post-harvest Green Mango**

**S.W. Chen<sup>1</sup>**

## **Abstract**

The objective of this study was to develop and improve a processing operation machineries once-over for green mango. The machinery includes following function: feeding, slices cutting discarding seed and packaging. This type of machine has been manufactured 35 units then were released to farmer association and farmers. In order to prompt the machine have better efficiency all the operation steps should be consist as green mango processing. The automatic machine could peel 2 tons of green mango daily. It is about 10-15times faster than a skilled manual worker. It could save about 80% labor hours. The machine not only increased the product quality but also maintained the sanitation condition.

Key words: Green mango, Processing equipment, Once-over operation

---

<sup>1</sup> Assistant researcher of Kaohsiung District Agricultural Improvement Station.