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UniMAP

Non-DETACHABLE FRUITS WRAPPING DEVICES

Summary of Invention

This device was invented in order to protect a fruit, especially for mango during picking the ripe fruits. The non-detachable wrapping technique was protected from detach when the fruits were ripe. This technique will trap the fruit in the wrapped bag and prevent from falling down that will cause damage to fruit. Fruits are wrapped to avoid damage caused by any insect and other external factors to maximize the quality of the fruits.

Problem Statement

- This device is first invented to wrap the fruit, especially mango in order to make sure the fruit was remained in the bag after the fruits was ripe.
- The only effective way has been applied to reap the fruits is done manually. Workers need to risk their lives by climbing up ladders in reaching the fruits.
- The quality of wrapping cannot be controlled as it depends on the skill of workers.
- The ladder needed to be changed all time. This is time consuming and exhausting.

Advantages

- Safe, Easy to Use and Friendly to the environment.
- Economical and maintenance free.
- Protects the fruits from detached during picking the ripe fruits.

Novelty of Invention

This device is first invented to wrap the fruit, especially mango in order to make sure the fruit was remained in the bag after the fruits was ripe.

Collaboration



Institute of Sustainable
Agrotechnology, UniMAP



Jabatan Pertanian Negeri
Perlis



Non-Detachable Fruits
Wrapping Device



Conventional Wrapping Technique



Using Non-Detachable Fruits
Wrapping Device

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