



**APPLICATION OF
JUNCAO TECHNOLOGY
IN PAPUA NEW GUINEA
EASTERN HIGHLANDS PROVINCE**

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Juncao Technology is a **very simple** technology that is **easily accepted and adapted** by the local communities.

In PNG, it is a **cottage industry** that is done within the vicinity of their home.

1. Juncao Grass Planting



The highest annual yield of fresh Giant Juncao grass reaches **853 tons/hectare**.

2. Mushroom Production



Milling



Packaging



Inoculation



Incubation



Trench cultivation



Fruiting

2. Mushroom Production

10m² mushroom trench

=**300kg** fresh mushroom * 4 seasons

=**1,200kg** fresh mushroom per year

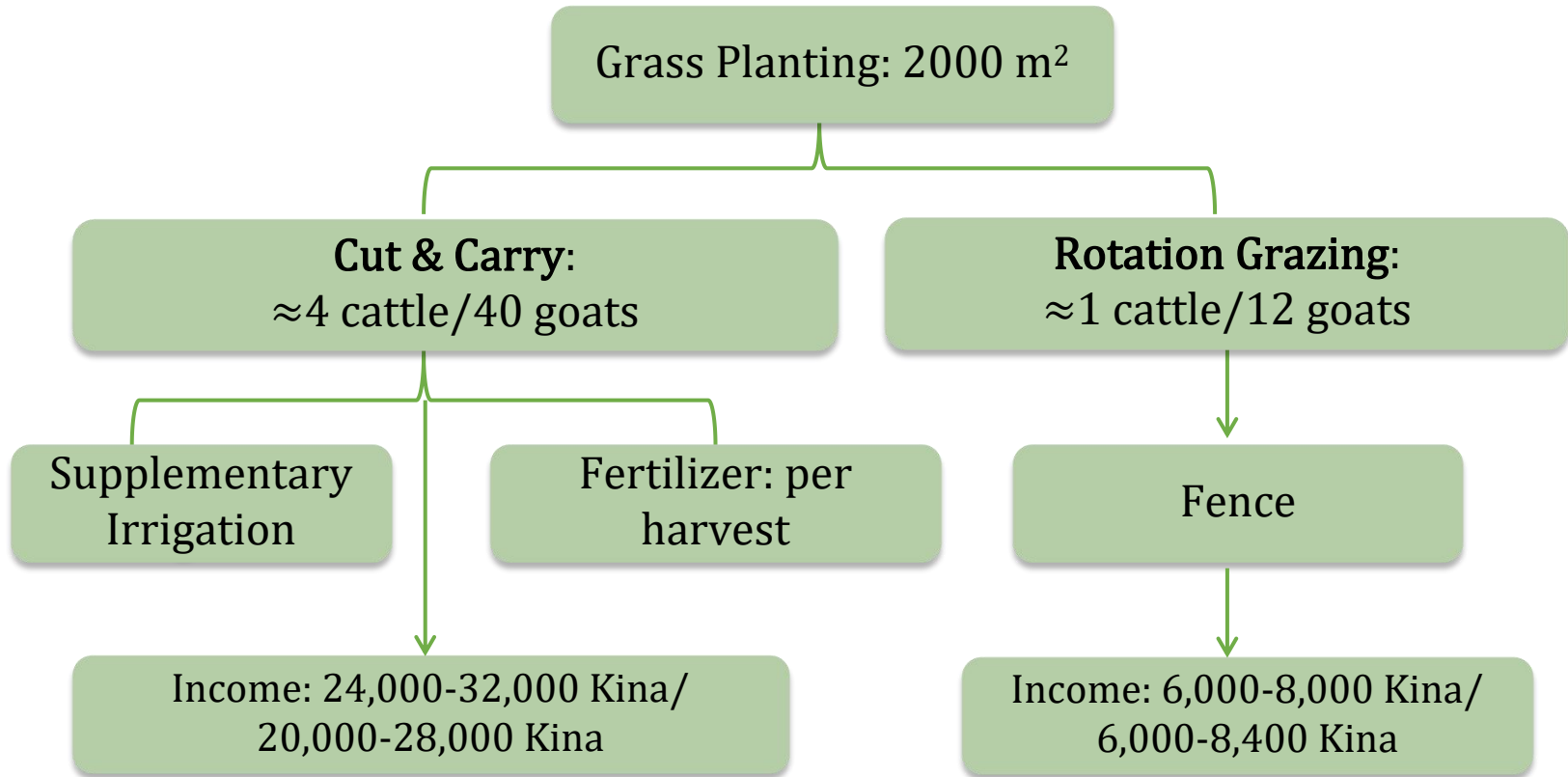
Fresh mushroom sold at **15-60 Kina/kg**

Income: **18,000-72,000 Kina** a year





3. Livestock Farming





Cut & Carry



Rotation Grazing

4. Juncao For All

- Family unit
- Women & youth
- People living with disability



5. Community Achievements

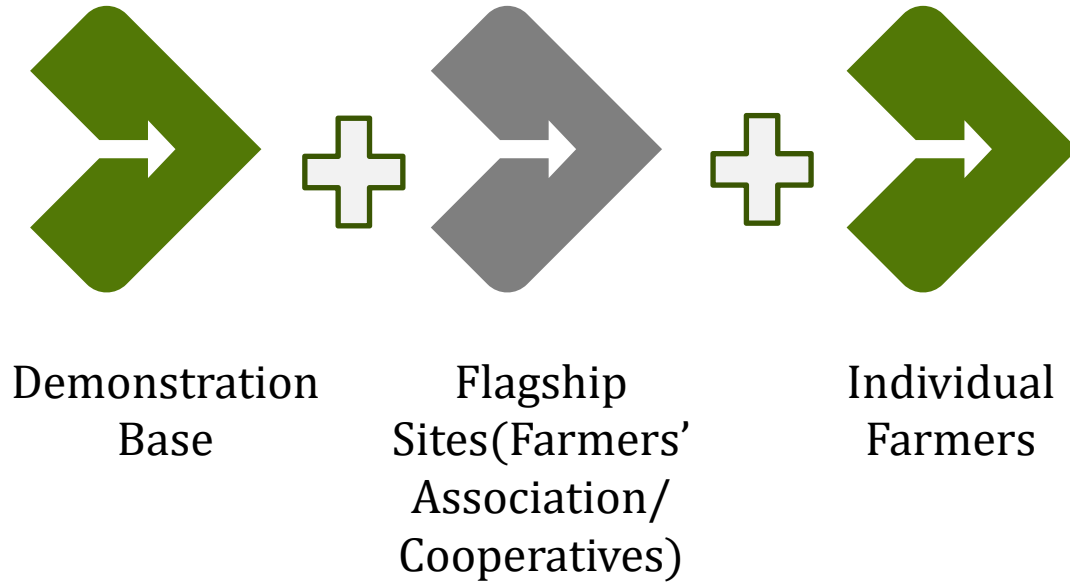
- Formation of 2 cooperatives & 4 associations comprising of more than 10 villages with population of 2,500 people.
- Healthy community with healthy nutritious diet, malnutrition level from dropped from 70% - 55%.
- Community being economically independent (income at K10,000 -& K72, 000 per annum)

6. Individual Achievements

Women farmers: Korarome Freda and Patricia Vira



7. Extension Model



Easy to Learn, Easy to Practice, Easy to Succeed



Thank you!