

Vegetable soybean is one of the new promising crops for Fiji. It can be grown all year round targeting the local hotel industry for the Japanese tourists and local market for toffu processing.

The green vegetable soybean can be cooked in many dishes and is highly nutritious. Soybean is one of the leguminous crop that fixes atmospheric nitrogen and enriches the soil.

#### 1. New Variety

- Kalokalo

#### 2. Seed rate and expected yield (per hectare)

Variety	Seed rate/ha	Greenpod yield/ha
Kalokalo	28kg	3 to 5 tonnes

#### 3. Soil Requirements

A wide range of soil types are suit



able but prefers black soil and good drainage is necessary.

#### 4. Planting Time

The variety is photo non sensitive and can be planted any time of the year.

However planting in wetter months (Nov – Jan) will induce vegetative growth, late flowering and reduced yields.

#### 5. Planting Density

Fertile soils – 45cm between rows and 20cm within rows. Poor soils – 45cm rows and 15cm within rows.

#### 6. Method of Planting

Direct sowing in rows. Place one or two seeds 15cm to 20cm apart in rows and cover the seeds lightly with soil.

#### 7. Fertilizer Requirement

- A mixture of Blend A & B at 200kg/ha of each blend applied as basal. (Lower rates on more fertile soil) or
- Foliar application of BioBrew growth at the rate of 300ml/15L of water at 6 leaf stage.

- Apply BioBrew harvest at the rate of 300ml/15L of water from flowering onwards every fortnight.

#### 8. Weed Control

Hoeing or mechanical inter-row cultivation can be done as and when required.

#### 9. Pest Control

The major pest is pod sucking bug and (*Maruca testulalis*) caterpillars. It is controlled by spraying Lannate at 30ml/15litres of water and alternate with Attack at 30ml/15L of water at two weeks interval. Spray during the flowering stage and as and when required. Regular inspection of the pest during flowering and after each harvest is necessary.

*Maruca testulalis*





## 10. Maturity

- 70 to 80 days (green)

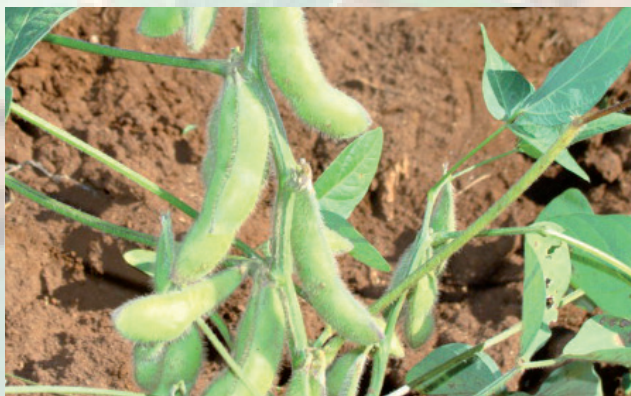
## 11. Harvesting and Processing

Handpick green filled tender pods as vegetable for hotels and local market.

## 12. Gross Margin

For 3 tonnes/ha Green at \$2.00/kg:

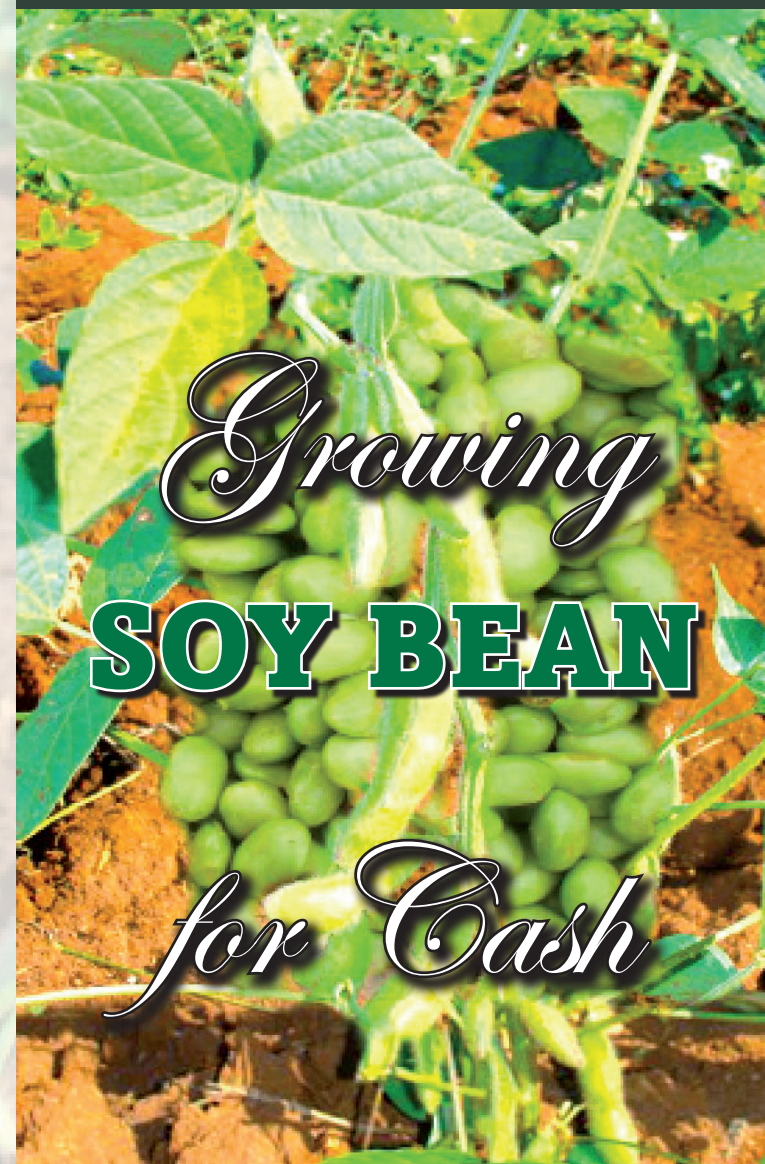
Income	-	\$6,000
Expenses	-	\$2,865
G.M	-	\$3,135



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