

- o Drenching

- Drenching can be done using 16 liters of water at 150ml solution per hill.

Weeks	Urea	Complete Fertilizer
1 st week	75 grams	
2 nd week	150 grams	
3 rd week	-	75 grams
4 th week	-	150 grams
5 th week	-	225 grams

Irrigation

- o Water the plants immediately after planting to ensure uniform germination. Frequency of irrigation depends on soil type and weather condition.

Weeding

- o Remove the weeds especially around the base of the plant.

Insect Pests and Diseases

- o Practice good cultural management and sanitation to prevent insect pests damage and disease infection.
- o Can be managed by using high resistant varieties, cultural, biological and chemical control measures.

Harvesting

- o Harvest the pods when they are still green and immature.
- o Harvest twice a week, in the morning or late afternoon.



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String Beans

Production Guide



string beans are rich in vitamins A,C, K, folic acid and fiber

Source:

Guide on Vegetable Production
DA RFU - 7, Mandaue City, Cebu

String Beans

Soil and climatic requirements

- o Can be grown in any type of soil but performs best in well-drained sandy loam with pH ranging from 5.5 to 6.8
- o Can be grown throughout the year.

Selection of varieties

- o Choose varieties that are high yielding, resistant to pest and diseases, adaptable to local climatic conditions and acceptable to the consumer.



Land preparation

- o Plow and harrow 2 or 3 times alternately at 1 week interval at a depth of 15cm to 20cm. Prepare the plots/beds at 1 m wide x 20 m length. Apply the basal fertilizer. Install the plastic mulch.

Planting

- o Plant in double rows with 2-3 seeds per hill at 1 cm deep using the recommended planting distance
- o Cover the seeds lightly soil

Spacing

- o Bush sitao
 - 50-75 cm between rows and 25-30 cm between hills
- o Pole sitao
 - 1.0 m between rows and 30-50 cm between hills

Trellising

- o Provide stake for pole sitao when the plants begin to climb or 25 days after emergence (DAE).
- o Place 1.5 to 2 meters long stakes between plants in slanting position so that the top of the stakes intersects each other.
- o Train the pole sitao to climb the trellis as they grow.

Fertilization

- o Basal fertilizer: one (1) sack organic fertilizer (chicken dung), 3 kls complete fertilizer (14-14-14), 2 kilo urea (46-0-0). Cover the fertilizer with soil or mix them thoroughly with the soil.

