

Maturity

Jyoti	– 70 to 85 days
Aakarshan	– 75 to 90 days
Samraat	– 55 to 90 days

Harvesting and Storage

Tender pods / seeds can be cooked as a vegetable.

The dry pods are handpicked, dried, threshed and winnowed, Seeds are selected, sun dried, treated and stored in cooler. For long storage, seeds maybe coated with a thin layer of cooking oil (3ml /100g of seeds) to prevent from weevils. Also these fully dried untreated seeds can be kept in freezer for 5 to 6 years.



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Ministry of Agriculture

Grow Mung for Food and Income



Farmer's Leaflet 2015

MUNG BEAN

Mung bean is an important legume crop. The dry seeds are nutritious as they provide proteins, dietary fiber, vitamins and minerals. The grains are commonly used to make delicious dhal soup. Mung bean sprout is used for salads. Mung bean fixes atmospheric nitrogen and enriches the soil.

Recommended Varieties

❖ JYOTI

❖ AAKARSHAN

❖ SAMRAAT

Planting Time

Mung bean can be planted from February to October. Planting during wetter months (Nov-Jan) will result in heavy vegetation, late flowering and reduced yields.



Method of Planting & Spacing

Manual - 45 to 50 cm between rows and 10 - 20cm between plants.

Mechanized – 65 cm between rows and 10 - 20 cm between plants.

Seed Rate and Expected Yield (per hectare)

Variety	Seed Rate / ha	Dry seed yield /ha
Jyoti	18 – 20 kg	1.0 to 1.5 tons
Aakarshan	22 – 25 kg	1.0 to 1.6 tons
Samraat	22 – 25 kg	1.6 to 2.8 tons

Soil Requirements

- Wide range of soil types are suitable but good drainage is necessary.

Water requirements

- Plants should be watered / irrigated as and when required.

Fertilizer Requirement

- Mixture of Blend A (NPK - 10:46:0) & Blend B (NPK – 16:0:15) at 200kg/ha of each (Lower rates on more fertile soil).
- Molybdenum (Mo) as Sodium Molybdate at 1kg/ha applied at 2 weeks and 5 weeks after planting.

Soil analysis should be done before fertilizer application.

Weed Control

- Manual weeding and mechanical inter-row cultivation can be done as and when required.

Pests & their Control

Pod Borer (*Maruca testulalis*)

- Apply Lannate at 30 - 45ml /15 liters of water (knapsack) during flowering time or when eggs are seen on plants.
[Alternate with Attack at 30 – 40 ml /15L water (1.6L/ha)]

Aphids:

- Apply Dimethioate at 15 - 30ml /15L (Sold as Rogor) or Sunclopid at 3.75 - 7.5ml/15L of water or Bifenthrin at 14 - 18ml /15L of water.

Diseases & their Control

Cercospora leaf spot, Round spots - reddish brown or purple in color:

Apply Benomyl at 10g /15L of water or Mancozeb at 50g /15L of water

Regular inspection of crop is necessary.

