

**PACKAGE AND PRACTICES
OF SOYBEAN**



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Soybean is a potential oilseed/pulse crop of the country. It contains about 20% oil and 40% high quality protein rich in amino acid lysine. It grows well in slopes and terraces as a pure crop or as intercrop with maize or rice.

Land preparation: Ploughing the land to fine tilth.

Seed rate:

40-45Kg/ha or 10-11.3 Kg/ Sangam.

Seed treatment:

Treat the seed with thiram, or captan @ 3g/kg of seed to check the seed born disease.

Time of sowing:

April - June.

Spacing:

- a) Row to row 45cm
- b) Plant to plant 30cm

Manures and fertilizers:

10-12t/ha or 2.5-3t/Sangam of FYM or compost to be applied 1-2 weeks of sowing.

Fertilizers: @ N : P₂O₅ : K₂O – 20: 60: 40: kg/ha

	per Ha	per sangam
Urea	44 Kg	11 Kg
SSP	375 kg	94 kg
MOP	67 kg	17 kg

The fertilizers should be applied as basal.

Lime application: Lime should be applied @ 1t/ha or 250 Kg/sangam and mix thoroughly in the soil atleast one month before sowing.

Intercultural operations: The field should be kept weed free upto 60 days after sowing.

Plant protection measures

Hairy caterpillar - Spray Chloropyriphose 2ml/l of water

Leaf roller & hoppers - Spray Endosalfan 35 EC 0.07% (2ml/l of water)

Harvesting and Threshing:

When soybean plants mature they start dropping their leaves. The leaves turn yellow and drop and pods dry out quickly.

Threshing can be done by beating or trampling.

Potential yield: 25-30q/ha or 6.25-7.5q/angam.

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