



FACULTY OF AGRICULTURAL SCIENCES AND ALLIED INDUSTRIES

Fenugreek (*Trigonella foenum graecum* L.) Leguminosae

Soil: A rich well drained loamy soil is best suited for fenugreek cultivation.

Climate: Cool and comparatively dry, frost free climate

Season: June - July and October - November

Seed rate: 12 kg/ha is required

Seed treatment: Treated with *Azospirillum* 1.5 kg/ha + *Trichoderma viride* @ 50 g/ha for 12 kg of seed

Field preparation and sowing:

- Prepare the main field to a fine tilth.
- Add FYM 20 - 25 t/ha before last ploughing. Form beds and channels of 3.5 x 1.5 m.
- Seeds are sown at a spacing of 20 X 15 cm. Spray pre-emergence herbicide Fluchloralin 700 m

Manuring:

Basal- FYM 20 - 25 t/ha and N, P, K at 30:25:40 kg/ha.

Top dressing- 20 kg of N at 30 days after sowing.

Irrigation: First irrigation is given immediately after sowing, second on the third day and subsequently a

Aftercultivation: Plants are thinned at 20 - 25 days after sowing and the thinned seedlings are used as
of about 4" will encourage branching. Weeding is done as and when necessary.

Plant protection:

Diseases

Root rot:

Root rot can be controlled by soil application of Neem cake @ 150 g/ha and seed treatment with *Trich*
and drenching with Carbendazim 0.5 g/l or Copper oxychloride 2 g/litre.

Powdery mildew:

Dust Sulphur at 25 kg/ha or foliar spray with wettable sulphur 2 g/lit at the time of appearance of disea

Crop duration and harvest:

20 - 25 days for greens

90 - 100 days for grains

Yield:

The yield of green : 4000 - 5000 kg/ha
Grains : 500 - 700 kg/ha