

French Beans:

Climate: Tropical & Temperate

Selection of field/ land preparation practices: Select well drained medium to heavy soil. After ploughing apply 6-8 MT of FYM followed by 2 harrowing to mix in the soil thoroughly. Open the ridges and furrows at required spacing. Apply basal dose of chemical fertilizer before sowing of seeds.

Sowing Season: Kharif & Rabi

Seed Rate: 6 kg/acre.

Spacing: Row to Row: 45 cm **Plant to Plant:** 15 cm

Fertilizer dose with timing: It needs a balanced and adequate fertilizer supply. Total N:P:K requirement @ 60:100:80 kg per acre.

Dose & Timing: Basal Dose: Apply 50% N and 100% P, 50% K as basal dose during final land preparation. **Top Dressing:** 50% N & 50% K at 20 -25 days after sowing and 25% N at 35 days after sowing.

Irrigation: Beans need optimum irrigation at all stages. Light soils and summer season need more frequent irrigation. Ensure optimum moisture at flowering and fruiting stage.

Weed Control: Timely weed removal is very important, need based hand weeding can be done to ensure healthy crop. 2-3 rounds of weeding is sufficient.

Harvesting: Generally, Yard long beans start at 50-55 days after sowing. Timely harvest tender pods as per market requirement. Harvesting interval Between pickings varies with season and geography.

Expected Yield*: Average yield with standard agronomy practices will be around 12-15 MT/acre* (Yield data provided from trial averages with standard input. It may vary with agroclimatic conditions.)