

SPINACH BEET

Beta vulgaris Roxb.var. *bengalensis*

Variety: Jobner Green, All Green, S-23 and Pusa Jyoti

Description:

All Green: Foliage uniformly green, tender without pigmentation, main stem and inflorescence stalk pigmented purple, maturity 40 days, green leaf yield about 125 q/ha; gives about 6-7 cuttings at 15 to 18 days interval, suitable for sowing round the year.

Pusa Jyoti: Foliage uniformly green, succulent, thick, broad, tender with higher contents of potash, calcium, sodium, iron and ascorbic acid than Pusa Jyoti, has good regenerative capacity, late bolting habit and gives 6 to 8 cuttings.

Soil: Well drained sandy loam, rich in organic matter with pH 6.0-7.0

Field preparation: Land should be prepared to fine tilth and FYM to be applied

Seed rate: 20 kg/ha (3 kg/bigha)

Time of sowing: Second week of September to December

Seed treatment: Seeds should be treated with Carboxin @ 2-3g/kg of seed

Spacing: Seeds should be directly sown in lines spaced at 20cm and seedlings are thinned out to 5-7 cm within rows of 10-12 days after emergence.

Manure and Fertilizer: FYM @ 20 t, N 80 kg and P₂O₅ 60 kg/ha as basal application (2.6 t FYM, 23.5 kg Urea, 50.4 kg SSP/bigha).

Interculture:

- 1. Irrigation:** First irrigation should be given soon after sowing and subsequently at a 10- 12 days interval.
- 2. Weeding:** One weeding at 20 days after emergence

Plant protection:

Leaf spot: Prophylactic measure through seed treatment

Yield: 70-100 q green leaf/ha