

## Linseed (*Linum usitatissimum*)

**Variety:**

Variety	Year of release	Duration (days)	Yield (kg/ha)	Oil content (%)	Agro.Zone	Situation/Condition
T-397	1984	125-130	500-600	44	LBVZ,CBVZ & NBPZ	Rainfed/ <i>Utera</i>
Shekhar	2001	130-135	500-600	43	do	<i>Utera</i>
Padmini	1999	125-130	600-700	42	do	<i>Utera</i>
RLC-153	2019	125-130	700	44	do	<i>Utera</i>

**Soil Type:** Loamy soils are preferred.

**Field Preparation:**

The field is to be ploughed 3-4 times, followed by 1-2 laddering to obtain a fine tilth.

**Fertility Management:**

Nutrient	Requirement (kg/ha)	Form	Fertilizer requirement	
			kg/ha	kg/bigha
N	40	Urea	88	12
P <sub>2</sub> O <sub>5</sub>	20	SSP	125	18
K <sub>2</sub> O	10	MOP	16	2

NPK may also be supplied in the form of mixed fertilizers.

**Application of Lime:**

CaCO<sub>3</sub> in the form of dolomitic lime @ 65.5 kg/bigha should be applied 15 days before seeding and incorporate in the soil in areas where multiple cropping is practiced.

**Time of sowing:**

Optimum time of sowing is from middle of October to middle of November. In Barak Valley Zone sowing can be done in December after harvest of *sali* paddy.

**Seed Rate:** 15-20 kg/ha

**Spacing:**

A spacing of 25 cm between rows and 10 cm between plants should be maintained.

**Weeding:**

One weeding at 20-25 days after sowing is needed.

**Plant Protection:**

**i). Wilt:** For control of wilt disease:

- Seeds should be treated with carboxin @ 2 g/kg of seed before sowing.
- Suitable crop rotation should be followed in the affected fields.

**Harvesting:**

The crop is ready for harvest when plants become dry and the leaves fall off completely.