

## **Mesta** (*Hibiscus* spp.)

**Varieties:**

HC 583 and AMC 108

**Time of Sowing:**

April – mid May

**Soil:**

Well drained loam to clayey loam soil is suitable.

**Land Preparation:**

Land should be ploughed and laddered 5-6 times to obtain a fine tilth.

**Manure and Fertilizers:**

FYM or compost @ 7-8 t/ha should be applied during land preparation. The quantity of N is to be reduced from the fertilizer on the basis of 5 kg N per tonne of FYM/compost applied in the field.

Nutrient	Requirement (kg/ha)	Form	Fertilizer requirement	
			kg/ha	kg/bigha
N	40	Urea	90	12
P <sub>2</sub> O <sub>5</sub>	20	SSP	125	16
K <sub>2</sub> O	20	MOP	32	5.2

**Mode of Application of Fertilizers:**

The entire quantity of phosphatic and potassic fertilizers should be applied at the time of final land preparation. Nitrogenous fertilizer should be top dressed in two equal splits at 4-5 and 7-8 weeks after emergence.

**Seed Rate:**

- a) **Line sowing** : 13-15 kg/ha (1.8-2.0 kg/bigha)
- b) **Broadcasting** : 18-20 kg/ha (2.5-3.0 kg/bigha)

**Spacing:**

30 cm between rows  
15 cm between plants

**Weeding and Thinning:**

One hand weeding at 20-30 days after emergence is to be given and plants are thinned out simultaneously to maintain requisite plant population. In line sown crop, wheel hoe at 2 and 5 weeks after emergence should be used.

**Retting and Extraction of Fibre:**

The process of retting and extraction of fibre are similar to that of jute.

**Fibre Yield:** 22-25 q/ha.