

## **Ramie** (*Boehmeria nivea*)

**Varieties:**

R 1411, R 1449, R 1452, R 67-34 (Kanai)

**Type of Soil:**

Sandy loam to loam having a pH value of 5.5-6.0

**Climate:**

Warm (25-31<sup>0</sup>C) and moist

**Altitude:**

Below 300 m above mean sea level.

**Propagation:** Mainly by rhizome, seed and stem cuttings.

**Time of planting:** May – September.

**Spacing:** Row to row 60 cm and plant to plant 30 cm

**Depth of planting:** 5-6 cm

**Time of staging:** 3<sup>rd</sup> week of April in the next year

**Fertilizer:** N: P: K (kg/ha) 30 : 15 : 15 kg/per cutting

**Requirement/ha:**

- a) Rhizome : 375-400 kg
- b) Lime : 3.5 – 4 t (if acidic)
- c) Urea : 65 kg/cutting
- d) SSP : 94 kg/cutting
- e) MOP : 26.0 kg/cutting
- f) Ramie compost : 20.0 t/year
- g) Cowdung : 10-12 t/year.

**Harvesting:**

Four cuttings are taken per year. 1<sup>st</sup> cutting 50 DAP, 2<sup>nd</sup> cutting 45 days after 1<sup>st</sup> cutting, 3<sup>rd</sup> cutting 45 days after 2<sup>nd</sup> cutting, and 4<sup>th</sup> cutting 50 days after 3<sup>rd</sup> cutting.

**Yield:**

**Fibre yield:** 16-22 q/yr/ha

**Rhizome yield:** 10-12 t/ha after 5<sup>th</sup> year