

INDIAN INSTITUTE OF NATURAL RESINS & GUMS, RANCHI

COMMERCIALIZABLE TECHNOLOGIES

Small Scale Lac Processing Unit



The Institute has developed a set of four machines viz. Lac crusher, Lac washer, Lac grader and Lac winnower for establishing Small Scale Lac Processing unit (Capacity-100 kg sticklac/day) required for primary processing of lac (making of semi-refined product seedlac) at village level.

Lac in the form of seedlac can be stored for longer duration without lump formation which is a problem with the storage of raw material (sticklac). These machines can be driven manually or with electric motor. By establishing such an unit, net profit of about Rs 25,000 per month can be earned and employment generation of 750 man-days/year can be done. For establishing the Unit, about 50 decimal of land is required including building.

Capacity : 100 kg sticklac/day (single shift)

Building : ₹ 5 Lakh (approx.)

Machinery & Equipments : ₹ 1 Lakh (approx.)

Manpower : Motor operated – 3, Manual – 5

Monthly income : ₹ 25,000 (approx.)