

Mulberry Nursery



- **Mulberry Saplings - rooted cuttings with well-developed root system**
- **Establishes plants uniformly & quickly**
- **Very high survival rate**
- **Quality mulberry leaf production**

Preparation of Nursery Bed

- **Select flat, elevated, well-drained land near to the water source**
- **Loamy soil is ideal & if the soil is clayey, add 5 pans of sand per bed**
- **Deep plough (30-40 cm) & allow for weathering in sun for 2-3 weeks**
- **Mix FYM or Vermicompost @10 MT/ha Plough 2-3 times to bring the soil to a fine tilth & level**
- **Prepare 5-10 cm elevated beds (300cm x 120cm) separated by 25-30 cm irrigation channels**



Preparation of Cuttings & Pre-treatment

- **Select healthy (6-8 months old) shoots with 10-15 mm diameter**
- **Prepare 15-20cm long cuttings with 3-4 good buds**
- **Use sharp knife or secateurs to obtain clean cut-ends**
- **Dip cuttings in Carbendazim 50%WP (0.2%) for 15 mins to avoid fungal attack**
- **Use commercial rooting hormone to improve rooting**
- **If storage required, keep cuttings for 2-3 days on wet sand beds covered with hay under shade**

Planting of Cuttings & After Care

- **Plant cuttings at 10 x 15cm (4-5 month-old saplings)**
- **Plant cuttings firmly in a slightly slant position, exposing only one bud above the soil**
- **Irrigate nursery beds immediately after planting & later at an interval of 4-5 days**
- **Weeding after 25-30 days & 55-60 days is necessary**
- **Apply of ammonium sulphate (500 g) or urea (250g) after 2nd round of weeding**
- **Follow recommended plant protection measures to avoid pests & diseases**



Uprooting, Dressing & Planting of Saplings

- **Irrigate nursery beds 2-3 days before uprooting the saplings**
- **Excess roots & longer shoots can be cut to convenient size**
- **Plant the Saplings in pits immediately after uprooting**
- **For transportation, pack saplings in bundles & cover with wet gunny**