

# Establishment of Community Nurseries

Guidelines of MegLIFE

G S Raju, IFS (Retd)

# Who Would Implement

- ▶ Through SHG - MOA between VPIC and SHG
- ▶ Directly by VPIC- MOA between the Project and VPIC is required

# Implementation Process

- ▶ Input cost will be provided by the VPIC from the Project Fund
- ▶ Signing Agreement between the Project and VPIC / Between VPIC and SHG. The implementing Agency has to take up responsibility for maintenance for 3 years. In case of SHG the funds will be sent to the SHG group account. The SHG will arrange labour material etc. The seedlings will be bought back by the VPIC.
- ▶ After raising , the SHG need to submit Utilization Certificate to VPIC
- ▶ In case the VPIC does the nursery raising, VPIC has to follow procurement guidelines for material; provide labour etc through muster rolls; and ensure regular maintenance.

# Facilities Required

- ▶ Manure Mixing Space,
- ▶ Drying Shed
- ▶ Mother beds,
- ▶ Polybag Beds space
- ▶ Fencing the entire nursery area

# Site selection Criteria

- ▶ Land Availability
- ▶ Good permanent water supply/ piped water availability
- ▶ Good drainage system (gentle slope is preferable)
- ▶ Easy accessibility of site with road communication
- ▶ Availability of good soil
- ▶ No flooding/erosion zone
- ▶ Lest frost weather

# Extent of Land Required polybag seedling Nursery

- ▶ 500 square meters in plain lands
- ▶ 1000 square meters in slope lands
- ▶ Keep provision for future expansion as well
- ▶ MOA between the land owner and VPIC is a must

# Water availability

- ▶ Locating near the stream or river or any other water source
- ▶ Overhead tank with piped system would be ideal

# Other Requirements

- ▶ Topography- gentle slope
- ▶ Slope in excess of 2% require contour terracing
- ▶ Northern and Western aspects preferred. Southern aspects are to be avoided.
- ▶ Transport facilities
- ▶ Preferably nearer to plantation sites
- ▶ Deep, good structures and easily pulverized soil is preferable
- ▶ Sandy loam soils are preferable.



# Size of Nursery beds

- ▶ 1.3 m wide
- ▶ 13 M long
- ▶ 15 cm high
- ▶ 30 cm between the beds

# Soil Mix

- ▶ Sand, clay and organic matter should be there in ideal proportion
- ▶ Collection of top soil/forest soil
- ▶ Breaking of clods
- ▶ Removing foreign materials
- ▶ Soil, sand and manure in 70:20:10 ratio

# Secondary beds

- ▶ Bamboo edging
- ▶ Overhead shade

# Equipment Required

- ▶ Spade, pitchfork, Seive, Ladle, watering can, water hose, scissors
- ▶ Poly bags of 6"x8" size. But 5"x7" are preferred
- ▶ Soil mix, cow dung shading nets
- ▶ Planting material- seeds etc
- ▶ Insecticide, fungicide etc

# Budget

- ▶ Rs 11,000 per bed