FORESTRY EXTENSION

LEAFLET No. 1

NURSERY

1st Draft  Son La,  April 2002
<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRY SEASON</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RAINY SEASON</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRY SEASON</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ANNUAL NURSERY CALENDAR**

- **Dry Season**: Collect seeds, prepare soil mix.
  - Sow seeds in seedbeds, transplant to polybags.
  - Pricking out to polybags.
  - Weeding and tending; protect from insects and diseases.
  - Hardening-off and root pruning.

- **Rainy Season**: Collect seeds.
  - Tending and protecting seedlings that not yet reached the standard for planting.

The calendar is designed to track the key activities required throughout the year for nursery production.
PREPARATION OF SEEDBED

POTTING SOIL:
9 PARTS TOPSOIL
1 PART HUMUS
A BIT OF PHOSPHATE

CORRECT SOWING DEPTH

FALSE: TOO DEEP
POTTING OF SEEDLINGS

MAKE A HOLE DEEP ENOUGH TO TAKE THE ROOTS OF THE SEEDLING

PLACE SEEDLING IN POT AND FILL WITH SOIL MIXTURE

GENTLY COMPACT SOIL TO AVOID AIR POCKETS

FREQUENTLY WATER SEEDLINGS

GOOD POTTING MIX LEAVES FINGER IMPRINT WHEN SQUEEZED GENTLY
POTTING OF SEEDLINGS II

Avoid mistakes of:
- Watering too much
- Deforming the roots
- Compact soil too loose or dense

Remember a perfectly potted seedling looks like this!
QUALITY OF SEEDLINGS

SYMETRICAL DENSE CROWN

STRONG WOODY STEM

DENSE ROOT SYSTEM

CRITERIA FOR QUALITY CHECK OF SEEDLINGS

PLANTS TO BE REJECTED

1:1 or 1:2
TRANSPORT OF SEEDLINGS

DO NOT LIFT SEEDLINGS BY THEIR STEM

CORRECT WAY TO CARRY SEEDLINGS IN THE FIELD