**Planting Categories**

**Satisfactory Day**
- Temperature: 33-75°F
- Wind: Less than 10 miles/hour
- Humidity: 50%+

**Marginal Day**
- Temperature: 76-85°F
- Wind: 10 miles/hour +
- Humidity: 30-50%

**Severe Day (not recommended)**
- Temperature: 32°F or less, or 85° or more.
- Wind: 15 miles/hour or more.
- Humidity: 30% or less

**Tree Planting Standards for On Site Storage**

- Store the seedlings in shaded location at all times.
- A heat shield is preferred.
- Make sure roots are visibly moist at all times.
- Keep opened bags closed tightly by folding flap over bag and laying flap-side down or by placing a band or cord firmly around bag. Keep in shade.

**Tree Planting Standards for Root Pruning**

- Do not prune unless necessary
- When handling, carefully separate seedlings to minimize damage to root system.
- Remove only a small number (handful) of seedlings at a time.
- Roots must be kept visibly moist.
- Do not prune tap or lateral roots of loblolly or white pine seedlings shorter than 4.5”.
- Do not root prune the tap root of longleaf seedlings.
- Excessively long lateral roots can be pruned to no less than 6”.

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**Tree Planting Standards for Culling**

- Cull loblolly or whit pine seedlings that have:
  1. Broken, skinned or weak stem.
  2. Fermented smell.
  3. Mold on needles.
  4. Slippery bark.
  5. Root collar smaller than 3/16”.
  6. Root collar larger than 3/8”.
  7. Root systems less than 4 ½”.
  8. Broken or skinned tap root.

- Cull bare-root longleaf seedlings that have:
  1. Root collar diameter less than 3/8 or 4/10 of an inch.
  2. Tap root shorter than 6 inches.

- Open only 1 bag at a time. Be careful not to leave container open more than a few minutes.

- Remove only a small number (handful) of seedlings at a time. Do not allow the roots to be exposed to the sun or wind any longer than 5 minutes.

**Acceptable Tree Diameters for Planting**

- Do not use dibbles or other tools that will not make a hole at least 8 inches deep.

**Steps in Bar Planting**

- Proper planting depth is where the base of the bud is at ground level and the root collar is completely below ground.