**Pinus taeda** L. is the 2nd Most Important Agricultural Crop in the US

- Commercially useful
- The major timber species
- Provides ~1.7 million Jobs

**Height at maturity:**
- Typical: 90 to 110 ft
- Maximum: 160 - 165 ft

**Diameter at breast height at maturity:**
- Typical: 3 – 4 ft
- Maximum: 4.6 ft

**Yield:**
- An average site: 6.48 green tons/year

**Typical Chemical Composition:**
- α-Cellulose: 45%
- Hemicellulose: 15%
- Xylan: 7%
- Klasen Lignin: 30%

In 1998, southern pine saw timber average prices were $330 per thousand board feet (Doyle scale), or $35 per ton, and pulpwood prices averaged $15 per ton. The average price of pine chip-and-saw, an intermediate product between pulpwood and saw timber, was $20/ton.

**Moisture When Green:** 45%

**Green Density:** 53 (lb/ft³)

**Air-Dry Density:** 36

**Oven-dry:** 34