

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



**Common name**  
**Loblolly pine**

- 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

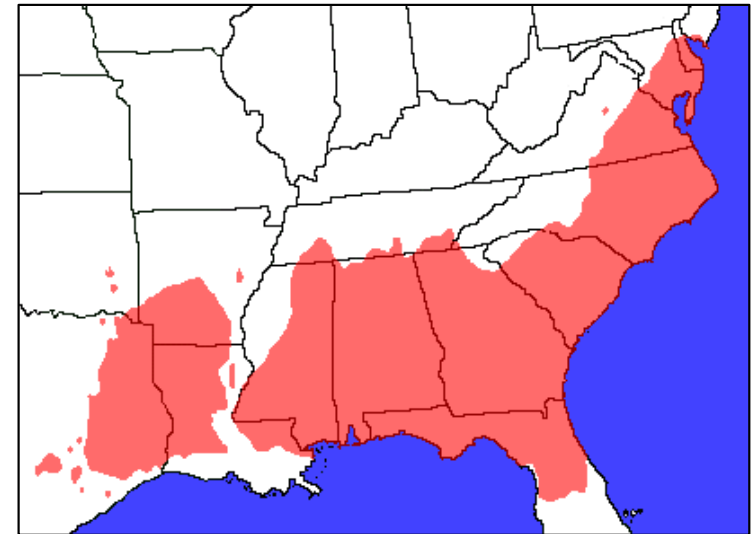
**Typical Chemical Composition:**

$\alpha$ -Cellulose: 45%

Hemicellulose: 15%

Xylan: 7%

Klasen Lignin: 30%



Moisture When Green: 45%

Green Density: 53 (lb/ft<sup>3</sup>)

Air-Dry Density: 36

Oven-dry: 34

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.