



Using Low-Grade Hardwoods for CLT Production: A Yield Analysis

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Summary:

Low-grade hardwood logs are the by-product of logging operations and, more frequently today, urban tree removals. The market prices for these logs is low, as is the value recovered from their logs when producing traditional forest products such as pallet parts, railroad ties, landscaping mulch, or chips for pulp. However, the emergence of cross-laminated timber (CLT) for building construction in North America may provide an additional and possibly a more valuable product market for low-grade, low-value hardwood logs. Using the RaySaw sawing and ROMI rough mill simulators and a digital databank of laser-scanned low-grade yellow-poplar (*Liriodendron tulipifera*) logs, we examine the yield-recovery potential for lumber used in the production of CLT.

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Resource Link

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