VOLUME, QUALITATIVE AND VALUE LUMBER YIELD FROM LINDEN LOGS (*TILIA SPP.)*

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ABSTRACT

This study compares the volume, qualitative, and value yield of linden logs (*Tilia* spp.) during their processing into sawn boards at the sawmill. A total of 48 logs were selected, divided into four categories: 12 veneer logs for sliced veneer (F class), 12 veneer logs for rotary-cut veneer (L class), 12 sawmill logs of 1st. quality class and 12 sawmill logs of 2nd quality class. The logs were processed using the live sawing method on a log band saw. The resulting sawn boards were categorized by thickness into six groups and assessed for quality across two grades. The highest yield in terms of volume, quality, and value was achieved with veneer logs intended for sliced veneer, while the lowest yield efficiency was recorded for sawmill logs of 2nd quality class.

Keywords: Linden (*Tilia* spp.) veneer logs, sawmilling logs, sawmilling, sawn wood, volume yield, qualitative and value lumber yield.