

ANALYSIS OF DIAMETERS AND TAPER OF DIAMETER OF BEECH LOGS IN I/III CLASS OF QUALITY

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ABSTRACT

This paper presents the results of investigations of diameter and taper of diameter of beech logs. The investigation was performed on raw material with dimensions: 3,0 m; 4,0 m; and 5,0 m in length and assigned in I –st; II –nd; III –rd class of quality. A total number of 90 logs were investigated i.e. 30 for each length. For logs of 3,0 m in length, mean diameter was $48,3 \pm 2,38$ cm, $1,6 \pm 0,14$ cm/m taper of diameter and belonging to „D” group of thickness. For logs of 4,0 m in length, mean diameter was $45,6 \pm 1,48$ cm, $1,4 \pm 0,13$ cm/m taper of diameter belonging to „C” group of thickness. For logs of 5,0 m in length, mean diameter was $44,8 \pm 1,5$ cm and $1,4 \pm 0,14$ cm/m taper of diameter belonging to „C” group of thickness.

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