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**PREPARING DRYING SCHEDULES OF *Fraxinus excelsior* L.
BY COMPUTER PROGRAM**

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Despite the competitions of many new material and innovations of technologic period, nowadays wood material have an important place at many usage area as raw material because of their characteristics, attractiveness and beauty.

Wood material have a lot of good features such as having high resistance in spite of their slightness, easy treating, good consenting paint and shellac, insulating heat and absorbing sound. In addition, they constitute a nice and warm appearance at usage area with their appearance beauty. However, wood material has also some undesirable properties such as decaying and easily burning. If it is dry, it takes water into own structure, on the contrary, if it is wet, it gives water from own structure and changes its dimensions. Wood material as a hygroscopic substance, depends upon the heat and the relative humidity on the air, either takes water into own structure or gives water from own structure to it's environment Between 0 % and 25-33 % moisture degrees, which was defined hygroscopic moisture zone, swelling occurs with taking moisture and shrinking occur with drying in the dimensions and volume of the wood material Contemporary wood technology developed various methods, which get better undesirable wood features. Some important technical processes are drying, steam, impregnation and surface treatment

As a hygroscopic material, wood should be dried before processing, to become a reliable material It is dependent on discharging excessive water as soon as possible, to conserve its technical, aesthetic and economic characteristics. Profits of kiln-drying are; abating of materials weight; in some impregnation methods, better impregnation of wood; increasing of nail and screw-holding power; increasing of modules of elasticity, strength, hardness, wear-out strength, spreading out of voiced speed; and decreasing of elasticity and heat condition. In addition, kiln-drying is important from point of view of protection the wooden material against vegetal and animal harms; increasing of using period; better conversion; and painting, varnishing and polishing.

The success of technical-drying is mainly depended on well-prepared drying schedules. In this study a computer program, which automatically prepares the drying schedules, was formed.