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USE OF COMPUTER TECHNOLOGY
FOR THE FORESTRY PROCESSING DATA

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Information processes are implemented in various areas of society. Information handling technology involves extensive use of IT in day-to-day operation of forestry enterprises. Big data processing within a specific time frame cannot be performed unless you have special-purpose hardware and software. Unfortunately, today large amounts of information are processed manually in default sufficient technical facilities, computers.

This paper outlines the capabilities of Microsoft Excel as the tool for practical analysis and decision making in the forestry sector. It details the method of using PivotTable tool offered by Excel to group, select the required data and carry out fast analysis on the sample forest plot database of Boyarka Forestry Research Station.

The end result of this work is the processing and grouping of source data and generation of easy-to-use visual report. It is quite convenient to display the trend, comparison or data structure using diagrams that are part of the pivot tables.

The examination of pivot tables on the basis of the Separated Subdivision of the National University of Life and Environmental Sciences of Ukraine 'Boyarka Forestry Research Station' makes it reasonable to conclude as follows:

- Pivot tables and generalized diagrams can be used to generate a variety of runtime reports enabling to assess the state of the enterprise and carry out continuous monitoring thereof;

- Pivot tables are easy to use and powerful analytical tools;

- Big data can easily be converted into short and clear enough interim and final reports;

- By dragging the fields, it is possible to carry out prompt analysis of forestry enterprise.