

Structure and volume of raw wood material obtained from thinning in beech forests of the Greater Caucasus

A. B. Yakhyayev – Azerbaijan Architecture and Construction University

E. P. Safarova – Central Botanical Garden of the ANAS

The article were analyzed the dynamics of the intermediate use in the Azerbaijan forests over the last 40-50 years. It shows the effects of war 90s and the energy crisis, led to a state forestry frustration and exhaustion. In this regard, in 2003 stopped felling, as well as reducing the amount of intermediate use. For 10 years, the measures taken to restore the forests have yielded positive results and work began on the intensification of agriculture, sustainable management of forest resources.

In order to study the structure and volume of wood raw material obtained from thinning in beech forests of the Cuban forestry laid 17 plots. As a result of this work, created a table, which shows the taxation data of selected plants. Upon completion of the thinning Pulping taxing: commercial timber and process raw cubic meters of wood greens – the weight method, the results of which are shown in the table).

The paper shows the structure and the percentage distribution of the total biomass of beech trees, as well as the main direction of their use in the country currently and in the future.

On the use of logging waste in the work place as sufficient, since, depending on the used technology is studied their volume accumulation. There were given structure and volume data of the waste produced by the application of technological processes and whiplash CTL technologies. In order to organize it effectively use, were calculated of the annual volume of harvested wood raw material for certain categories of different types of thinning. In this case, the annually developed thinning area was made 5% of the total area of the beech forests of the economy.

At the end presented a formula for calculating the annual volume of logging residues accumulated on the weighted average of the standards.

Key words: *thinning, intermediate use, wood, forestry, economic value, fitomass, forest residues*