

Medicinal stocks resources in the floodplain white poplars of the steppe pridonie

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The article researches the stocks of raw medicinal plants of white poplar floodplain forests of the steppe Pridonje. The author notes that the non-wood products is currently one of the most important forest issues. Revealed that a significant proportion of medicinal plants in white poplar plantations represented by species living ground cover. According to standard procedures average annual stocks of medicinal raw material in the territory of the Sholokhov forestry was established. The main commercial species of medicinal plants and their typological confinement was identified.

Most part of the work is devoted to the study of factors affecting the productivity of medicinal plants thickets. Among them, the author highlights the growing taxation data, moisture conditions and the projective cover of the species. Through correlation analysis showed the presence of weak coupling yields of commercial medicinal species with completeness of wood stands. Changing humidity conditions, expressed rainfall falling on the growing season, based on research findings had little impact on the value of the yield of harvested species and this was statistically confirmed. There is notes a high practical importance in the taxation of non-timber resources, identify relationships between projective cover thickets of medicinal plants and their yield. The equations that reflect the laws of the yield of medicinal plants of key species on the value of projective cover their thickets are given. Correlation analysis confirms the close and direct relationship between these variables. The authors emphasize the presence of other factors that affect the productivity of medicinal plants and need for further in-depth study of their.

Key words: medicinal plants, productivity, stocks of medicinal primary products, central floodplain white poplars, subterrace floodplain white poplars, species of trade medicinal plants