



## **STUDIES REGARDING ARBORETUMS IN THE PRODUCT UNION NO. V - MOLDOVA NOUĂ IN ORDER TO INCREASE FOREST PRODUCTIVITY AND IMPROVE THE RECREATIONAL (PROTECTION) AND TOURISM FUNCTION**

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**Abstract:** This study provides an analysis of the possibility of increasing forest productivity and improving the recreational (protection) and tourism function of the forests from Production Unit No. V from Moldova Nouă. According to the Park Management Plan and in accordance with the internal zoning of the park, the reserve is located in the integral protection zone.

### **• Introduction**

Given the multifunctional role of the stands and the fact that they are subject to a special conservation regime, management measures present two distinct aspects: general management measures, which aim to conserve forests and management measures specific to the functions assigned and the component species, aiming primarily at achieving the priority function that also guarantees the fulfillment of secondary functions.

### **Material and method**

Among the objectives pursued by carrying out the work of care and management of the stands, the following are noted: preserving and improving the health of the stands; increasing the degree of stability and resistance of the stands to the aggressive action of internal and external destabilizing factors

### **• Results and discussions**

The provisions of the plan for regeneration and afforestation works are based on the situation of the records during the parcel description regarding the harvesting plans of the main products, the need to ensure an appropriate structure of the stands according to the assigned function, as well as the requirement for afforestation or reforestation of all bare land.

### **• Conclusions**

To improve the productivity of low-yielding stands, each stand was analyzed individually within the production unit, choosing the most appropriate improvement method. The technologies that will be applied in the case of works to improve the productivity of low-yielding stands will aim to ensure that the soil is stripped on as small areas as possible