

# To the Question of Inventory Protective Forestry on Landagricultural Appointment (on the Example of the Rostov region)

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*The article summarizes the experience of inventory of protective forest stands on agricultural land in the Rostov region. The need to take into account the agroforestry fund is determined by the law of the Russian Federation "About land reclamation". The customers of the works are the owners of agricultural land. The main part of the article describes the content of the inventory stages. Preparatory work consists of collecting and analyzing reference and archival materials. The composition and equipment of forest inventory parties are given. At the field stage, an agroforestry survey is carried out on field-protective, culvert,*

*off-shore, horticultural forest belts and near-farm plantations. Their area, construction, species composition, age, forest inventory performance and safety are determined. Forest management measures are assigned to improve the condition and reclamation efficiency of plantings: thinning, uprooting, reconstruction. In the course of desk work, an inventory report is issued. It is established that in the Rostov region the area of plantings used by agricultural organizations is 224,190 ha, leased 8,316 ha, owned 5,887 ha, on reserve lands 1,505 ha, in the district land redistribution fund 314 ha. Shelter and near-shore forest belts prevail: 52 % and 16 % of the total planted area. Protective forest cover of arable land is 2,6 %. The need for additional shelter forest belts is 116 thousand hectares. The main species of agroforestry are robinia, green ash, squat elm and petiolate oak aged 40–70 years. Recommended uprooting of plantings on an area of 4,670 ha, thinning of 219,220 ha, reconstruction of 6,032 ha. An example of the layout of protective forest stands on agricultural land is given. The article notes the prospects of using remote methods for assessing protective forest stands, offers suggestions for legal regulation of agroforestry, accounting for protective forest stands, and provides developed scientific and practical recommendations for conducting a one-time inventory of protective forest stands on agricultural land.*