

# The Assessment of Stocks of the Frutescent Cherry According to the State Forest Inventory

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*The article presents a brief description of the morphological and ecological features of the frutescent cherry (*Cerasus fruticosa* Pall.) and the distribution area of this species.*

*The results of resource assessment of the cherry berries in the forests of Kurgan Region are shown in the article. The information is collected using the materials of the state forest inventory.*

*It has been established that the forests of the Kurgan Region are characterized by a high density of underbrush plants. The average number of cherry plants in it is 1932 plants per ha, or 24% of all the underbrush plants, represented by 15 species. Only the dog rose has higher plants density, up to 2764 plants per ha, or 42% of all plants.*

*It is the highest density for the subjects of RF. For example, 74 plants per ha in Ulyanovsk Region, 106 – in Samara Region, 146 – in Rostov Region, 176 – in Republic of Tatarstan and 1462 in Chelyabinsk Region.*

*Based on the calculations made, the possible harvesting value in the whole Kurgan Region is 5,0 thousand tones.*

*On the basis of the comparative analysis of the results obtained with the data on the resources of cherries from the regulations of the forestry of the region, it was noticed, that they show the annual allowable volumes of harvesting of cherry berries which are significantly (by an order of magnitude) lower compared with data obtained from the state forest inventory.*

*Finally, the conclusion is made, that it seems expedient to organize the harvesting of cherry berries on an industrial scale in some forestry in the South of Kurgan Region.*