Original article

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The Effectiveness of the Reformation of Soft-Leaved Plantations Into Coniferous-Deciduous in the Territory of the Republic of Tatarstan

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Annotation. *The long-term experimental and production work on the transformation of soft-leaved plantations into coniferous on the territory of the Republic of Tatarstan is analyzed and summarized. Surveys were carried out in 2023. In areas of sprus-fir-deciduous plantations created in 1962–1990 by 2–4-receiving cuttings of reformation of soft-leaved plantations with the growth of spruce and fir, 8 plots with a total area of 24.6 hectares were surveyed, on which 16 test areas were laid. In the derived soft-leaved plantations, 3 control plots with a total area of 8.2 hectares were allocated without re-forming logging and 6 trial areas were laid. The analysis of the state of spruce-fir plantations formed by the felling of soft-leaved plantations into coniferous-deciduous ones convincingly proves their forestry, ecological and economic efficiency, as well as the expediency of further application in the appropriate forest growing conditions of Tatarstan.*

Key words: *felling of the reformation of plantings, forest stands, spruce and fir, soft-leaved species, forestry efficiency.*

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