

Original article

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Forest Fire Prevention Management for the Southern Taiga Forests, the Western Siberia Forest Steppe and the Urals

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Abstract. One of the most important problems of modern forestry is the forest fire protection. Unfortunately, despite the efforts made, the indicators of actual forest burning does not even have a downward trend. The main share of the covered by fire area is accounted for by crown fires.

The possibilities of transferring crown forest fires to grass-roots ones by creating artificial fire barriers from soft-leaved tree species are analyzed. In the presented work, the possibilities of transferring crown forest fires grasses and ones by the preliminary creation of artificial antifire barriers are analyzed. It is found, to facilitate the fight against fire allows the creation of soft hardwood strips. The width of the fire fighting deciduous strips depends on the intensity of the fire and the composition of the plantings in which it develops. For the conditions of the southern taiga subzone, the Western Siberia forest steppe and the Urals it were proposed some types of created antifire barriers providing the transfer of crown forest fires to grassland ones special attention is paid to the fire fighting device of the most dangerous in fire resistance coniferous young stands and forest cultures as well as to their fire resistance increasing.

Keywords: forest fire, upper forest fire, anti-fire management, anti-fire barrier, deciduous stripe, fire resistance.

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