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## Analysis of operational approach during forest transformation in Klokočná Range, Central Bohemia

O. Švec, L. Bílek, J. Remeš, Z. Vacek

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Afforestation of agricultural lands may be in many cases a positive step. Especially, it is a beneficial with waterlogged soils, stony soils or for soils which are for any other reason less fertile and unsuitable for farming. Even too in the agricultural landscape, afforestation can be very important by the breaking of large farm blocks by windbreakers and bio-corridors. The value, quality and fertility of soil can be assessed in different ways. The aim of this study is to determine the criteria for the identification of agricultural land suitable for afforestation. This evaluation process is based on Evaluated Soil Ecological Units (BPEJ) that are publicly available and already processed for all agricultural land. The results are represented by complete list of Evaluated Soil Ecological Units that are suitable for afforestation with stating the reason why they were chosen.

**Keywords:**

stand transformation; harvest; diameter distribution; De Camino homogeneity; Lorenz ordering; Gini index; Shannon evenness index

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## Contact

Mgr. Petra Kolářová  
Executive Editor  
phone: + 420 227 010 355  
e-mail: [jfs@cazv.cz](mailto:jfs@cazv.cz)

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