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Agric. Econ. – Czech

H. Brožová

The analytic hierarchy process for the decision tree with multiple criteria

For choosing the best decision in daily agricultural practice, it is very important to formalize the decision process using systems analysis and mathematical methods. Theory of the decision-making under uncertainty or under risk supposes one criterion. In practice, the best solution is chosen under more decision criteria.

Decision problem with <i>m</i> alternatives, <i>n</i> states of nature and *k* criteria has to be solved in this case. Application of the Analytic Hierarchy Process (AHP) for solution of this problem is described in this paper.

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[fulltext]