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Agric. Econ. — Czech

**Sojková Z.,
Adamičková I.:**

Evaluation of economic efficiency of orchards investment project with respect to the risk

Agric. Econ. — Czech, 57 (2011): 600-608

Continuous elimination of the acreage of orchards in Slovakia has a negative impact on the overall fruit production. Improvement of the conditions could be

achieved by introducing new technological systems into orchards and supporting the measures motivating farmers. Three investment strategies for planting apple orchards are presented in the paper: slim spindle, high density and extended orchards. Economic efficiency of the systems is evaluated through the return of investment, net current value and inner profit percentage. Within the assumption of the objective evaluation of input parameters, we can expect an acceptable economic efficiency of the investment only in the " slim spindle" technological system. The simplified deterministic evaluation of economic efficiency is further deepened with the identification of the relevant risk factors,